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**LAMPIRAN**

**Lampiran 1**

**KUESIONER PENELITIAN**

**KATA PENGANTAR**

Perihal : Permohonan Pengisian Kuesioner

Judul Penelitian : Pengaruh *Product Price*, *Product Quality* dan *Distribution Line* Terhadap *Sales Volume* Pada PT Asaputex Jaya Teagl

Kepada Yth

Bapak/Ibu/Sdr Responden *Retailer* Sarung Pohon Korma

Di tempat

Dengan Hormat,

Dalam rangka menyelesaikan penelitian, kami Mahasiswa Fakultas Ekonomidan BisnisUniversitas Pancasakti Tegal, mohon partisipasi dari Bapak/Ibu/Sdr untuk mengisi kuesioner yang telah kami sediakan.

Adapun data yang kami minta adalah sesuai dengan kondisi yang dirasakan Bapak/Ibu/Sdr selama ini. Kami akan menjaga kerahasiaannya karena data ini hanya untuk kepentingan penelitian.

Atas perhatian dan bantuannya, kami mengucapkan banyak terima kasih.

Tegal, 27 Mei 2023

Hormat Saya,



Ikfi Laelatul Khofifah

1. **Identitas Responden**

Nama Toko :

Nama Pemilik :

Alamat :

Usia :

Pendidikan :

Pendapatan Toko :

1. **Petunjuk Penelitian**

Bapak/Ibu/Sdr dimohon untuk memilih salah satu jawaban dengan memberi tanda (√) pada kolom yang tersedia.

Keterangan :

STS = Sangat Tidak Setuju (Skor 1)

TS = Tidak Setuju (Skor 2)

KS = Kurang Setuju (Skor 3)

S = Setuju (Skor 4)

SS = Sangat Setuju (Skor 5)

***SALES VOLUME***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Pernyataan | Jawaban | | | | |
| STS | TS | KS | S | SS |
| **BAURAN PEMASARAN** | | | | | | |
| 1. | Sarung Pohon Korma PT Asaputex Jaya Tegal kualitasnya baik |  |  |  |  |  |
| 2. | Harga Sarung Pohon Korma PT Asaputex Jaya Tegal terjangkau |  |  |  |  |  |
| 3. | Sarung Pohon Korma PT Asaputex Jaya Tegal sering memberikan diskon, potongan harga dan promo lainnya |  |  |  |  |  |
| 4. | Toko atau retail yang menjual Sarung Pohon Korma PT Asaputex Jaya Tegal mudah untuk ditemui |  |  |  |  |  |
| **PROFITABILITAS** | | | | | | |
| 5. | Jika sebagai penjual Sarung Pohon Korma PT Asaputex Jaya Tegal, usaha ini termasuk dalam usaha yang menjanjikan (memberikan keuntungan) |  |  |  |  |  |
| 6. | Jika sebagai penjual Sarung Pohon Korma PT Asaputex Jaya Tegal, usaha ini mampu berkembang dengan baik |  |  |  |  |  |
| 7. | Jika sebagai penjual Sarung Pohon Korma PT Asaputex Jaya Tegal, usaha ini mampu berekspansi secara luas |  |  |  |  |  |

***PRODUCT PRICE***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Pernyataan | Jawaban | | | | |
| STS | TS | KS | S | SS |
| **DAYA BELI** | | | | | | |
| 1. | Harga Sarung Pohon Korma PT Asaputex Jaya Tegal lebih terjangkau dibandingkan dengan merek lain |  |  |  |  |  |
| 2. | Harga Sarung Pohon Korma PT Asaputex Jaya Tegal mampu bersaing dengan sarung merek lain |  |  |  |  |  |
| 3. | Harga Sarung Pohon Korma PT Asaputex Jaya Tegal memiliki kisaran harga yang sama dengan toko lain |  |  |  |  |  |
| 4. | Harga Sarung Pohon Korma PT Asaputex Jaya Tegal terjangkau dikalangan masyarakat |  |  |  |  |  |
| **PERSEPSI KUALITAS** | | | | | | |
| 5. | Harga Sarung Pohon Korma PT Asaputex Jaya Tegal sesuai dengan kualitas yang ditawarkan |  |  |  |  |  |
| 6. | Kualitas Sarung Pohon Korma PT Asaputex Jaya Tegal sesuai dengan yang konsumen harapkan |  |  |  |  |  |
| 7. | Harga Sarung Pohon Korma PT Asaputex Jaya Tegal sebanding dengan manfaatnya |  |  |  |  |  |
| 8. | Jenis-jenis Sarung Pohon Kurma PT Asaputex Jaya Tegal yang tersedia sesuai dengan kebutuhan konsumen |  |  |  |  |  |
| **PROMOSI** | | | | | | |
| 9. | Harga Sarung Pohon Korma PT Asaputex Jaya Tegal sesuai dengan tingkat daya beli konsumen |  |  |  |  |  |
| 10. | Sarung Pohon Korma PT Asaputex Jaya Tegal sering memberikan potongan harga, diskon dan promo lainnya |  |  |  |  |  |

***PRODUCT QUALITY***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Pernyataan | Jawaban | | | | |
| STS | TS | KS | S | SS |
| **TAMPILAN FISIK** | | | | | | |
| 1. | Sarung Pohon Korma PT Asaputex Jaya Tegal memiliki motif, bahan dan warna yang beragam jenisnya |  |  |  |  |  |
| 2. | Sarung Pohon Korma PT Asaputex Jaya Tegal memiliki kemasan yang menarik |  |  |  |  |  |
| **STANDARISASI** | | | | | | |
| 3. | Sarung Pohon Korma PT Asaputex Jaya Tegal dapat digunakan dalam jangka panjang |  |  |  |  |  |
| 4. | Kualitas Sarung Pohon Korma PT Asaputex Jaya Tegal dapat digunakan sesuai dengan fungsinya |  |  |  |  |  |
| 5. | Kualitas Sarung Pohon Korma PT Asaputex Jaya Tegal sesuai dengan yang ditawarkan |  |  |  |  |  |
| 6. | Sarung Pohon Korma PT Asaputex Jaya Tegal mampu digunakan disegala situasi |  |  |  |  |  |
| 7. | Sarung Pohon Korma PT Asaputex Jaya Tegal dapat dikembalikan atau ditukar jika ada cacat secara fisik |  |  |  |  |  |
| **CIRI KHAS** | | | | | | |
| 8. | Sarung Pohon Korma PT Asaputex Jaya Tegal memiliki ciri khas atau keunikan dibandingkan dengan sarung merek lain |  |  |  |  |  |
| 9. | Sarung Pohon Korma PT Asaputex Jaya Tegal memiliki desain yang baik |  |  |  |  |  |
| **KONDISI KONSUMEN** | | | | | | |
| 10. | Kualitas Sarung Pohon Korma PT Asaputex Jaya Tegal sesuai dengan kebutuhan konsumen |  |  |  |  |  |
| 11. | Kualitas Sarung Pohon Korma PT Asaputex Jaya Tegal sesuai dengan keinginan konsumen |  |  |  |  |  |
| 12. | Harga Sarung Pohon Korma PT Asaputex Jaya Tegal sesuai dengan kondisi keuangan konsumen |  |  |  |  |  |

***DISTRIBUTION LINE***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Pernyataan | Jawaban | | | | |
| STS | TS | KS | S | SS |
| **TARGET PENJUALAN** | | | | | | |
| 1. | Distributor dan retail Sarung Pohon Korma PT Asaputex Jaya Tegal memberikan pelayanan yang baik |  |  |  |  |  |
| 2. | Distributor dan retail Sarung Pohon Korma PT Asaputex Jaya Tegal mampu mentargetkan penjualan |  |  |  |  |  |
| 3. | Distributor dan retail Sarung Pohon Korma PT Asaputex Jaya Tegal mampu menyediakan produk yang diinginkan dan dibutuhkan konsumen |  |  |  |  |  |
| 4. | Distributor dan retail Sarung Pohon Korma PT Asaputex Jaya Tegal mampu memenuhi target penjualan yang ditentukan |  |  |  |  |  |
| **PELAYANAN** | | | | | | |
| 5. | Distributor dan retail Sarung Pohon Korma PT Asaputex Jaya Tegal dalam melayani konsumen tidak memaksa (bersifat fleksibel) |  |  |  |  |  |
| 6. | Distributor dan retail Sarung Pohon Korma PT Asaputex Jaya Tegal memberikan potongan harga, diskon dan promosi lainnya |  |  |  |  |  |
| 7. | Distributor dan retail Sarung Pohon Korma PT Asaputex Jaya Tegal memberikan garansi atau retur |  |  |  |  |  |
| 8. | Distributor dan retail Sarung Pohon Korma PT Asaputex Jaya Tegal juga menjual sarung merek lain |  |  |  |  |  |
| 9. | Distributor dan retail Sarung Pohon Korma PT Asaputex Jaya Tegal mudah dijangkau oleh konsumen |  |  |  |  |  |
| 10. | Distributor dan retail Sarung Pohon Korma PT Asaputex Jaya Tegal menyediakan pembayaran via cash, debit dan kredit |  |  |  |  |  |

**Lampiran 2**

**HASIL KUESIONER UJI INSTRUMEN *SALES VOLUME***

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Y.1** | **Y.2** | **Y.3** | **Y.4** | **Y.5** | **Y.6** | **Y.7** | **TOTAL** |
| **R1** | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 30 |
| **R2** | 5 | 5 | 3 | 5 | 5 | 4 | 5 | 32 |
| **R3** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R4** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R5** | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 29 |
| **R6** | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 27 |
| **R7** | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 27 |
| **R8** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R9** | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 34 |
| **R10** | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 27 |
| **R11** | 4 | 4 | 2 | 5 | 3 | 5 | 5 | 28 |
| **R12** | 5 | 4 | 3 | 4 | 4 | 5 | 5 | 30 |
| **R13** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R14** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R15** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 32 |
| **R16** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R17** | 4 | 4 | 3 | 4 | 5 | 5 | 4 | 29 |
| **R18** | 5 | 4 | 3 | 4 | 4 | 4 | 4 | 28 |
| **R19** | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 29 |
| **R20** | 4 | 4 | 3 | 4 | 5 | 5 | 4 | 29 |
| **R21** | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 27 |
| **R22** | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 34 |
| **R23** | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 33 |
| **R24** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 32 |
| **R25** | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 31 |
| **R26** | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 32 |
| **R27** | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 33 |
| **R28** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 35 |
| **R29** | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 33 |
| **R30** | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 30 |

**Lampiran 3**

**HASIL KUESIONER UJI INSTRUMEN *PRODUCT PRICE***

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **X1.1** | **X1.2** | **X1.3** | **X1.4** | **X1.5** | **X1.6** | **X1.7** | **X1.8** | **X1.9** | **X1.10** | **TOTAL** |
| **R1** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 41 |
| **R2** | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 3 | 47 |
| **R3** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R4** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R5** | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 43 |
| **R6** | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 38 |
| **R7** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 39 |
| **R8** | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 38 |
| **R9** | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 47 |
| **R10** | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 37 |
| **R11** | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 3 | 2 | 38 |
| **R12** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 39 |
| **R13** | 3 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R14** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R15** | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 46 |
| **R16** | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| **R17** | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 3 | 3 | 43 |
| **R18** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R19** | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 28 |
| **R20** | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 38 |
| **R21** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 39 |
| **R22** | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 45 |
| **R23** | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 45 |
| **R24** | 5 | 3 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 45 |
| **R25** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 42 |
| **R26** | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 48 |
| **R27** | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 45 |
| **R28** | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 49 |
| **R29** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| **R30** | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 41 |

**Lampiran 4**

**HASIL KUESIONER UJI INSTRUMEN *PRODUCT QUALITY***

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **X2.1** | **X2.2** | **X2.3** | **X2.4** | **X2.5** | **X2.6** | **X2.7** | **X2.8** | **X2.9** | **X2.10** | **X2.11** | **X2.12** | **Total** |
| **R1** | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 52 |
| **R2** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 60 |
| **R3** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R4** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R5** | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 50 |
| **R6** | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 46 |
| **R7** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R8** | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 46 |
| **R9** | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 47 |
| **R10** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 47 |
| **R11** | 5 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 44 |
| **R12** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R13** | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 50 |
| **R14** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R15** | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 55 |
| **R16** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 58 |
| **R17** | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 54 |
| **R18** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R19** | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 3 | 48 |
| **R20** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R21** | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 43 |
| **R22** | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 56 |
| **R23** | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 57 |
| **R24** | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 58 |
| **R25** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 54 |
| **R26** | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 51 |
| **R27** | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 54 |
| **R28** | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 57 |
| **R29** | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 49 |
| **R30** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 49 |

**Lampiran 5**

**HASIL KUESIONER UJI INSTRUMEN *DISTRIBUTION LINE***

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **X3.1** | **X3.2** | **X3.3** | **X3.4** | **X3.5** | **X3.6** | **X3.7** | **X3.8** | **X3.9** | **X3.10** | **TOTAL** |
| **R1** | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 42 |
| **R2** | 5 | 4 | 4 | 4 | 5 | 3 | 5 | 5 | 5 | 4 | 44 |
| **R3** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R4** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R5** | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 43 |
| **R6** | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 39 |
| **R7** | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 38 |
| **R8** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R9** | 5 | 4 | 4 | 4 | 5 | 3 | 4 | 5 | 5 | 5 | 44 |
| **R10** | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 38 |
| **R11** | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 2 | 43 |
| **R12** | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| **R13** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R14** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R15** | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 43 |
| **R16** | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| **R17** | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 48 |
| **R18** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 38 |
| **R19** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 41 |
| **R20** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R21** | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| **R22** | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 48 |
| **R23** | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 44 |
| **R24** | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 45 |
| **R25** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 49 |
| **R26** | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 47 |
| **R27** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| **R28** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| **R29** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R30** | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 42 |

**Lampiran 6**

**HASIL KUESIONER DATA *SALES VOLUME***

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Y.1** | **Y.2** | **Y.3** | **Y.4** | **Y.5** | **Y.6** | **Y.7** | **TOTAL** |
| **R1** | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 30 |
| **R2** | 5 | 5 | 3 | 5 | 5 | 4 | 5 | 32 |
| **R3** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R4** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R5** | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 29 |
| **R6** | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 27 |
| **R7** | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 27 |
| **R8** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R9** | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 34 |
| **R10** | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 27 |
| **R11** | 4 | 4 | 2 | 5 | 3 | 5 | 5 | 28 |
| **R12** | 5 | 4 | 3 | 4 | 4 | 5 | 5 | 30 |
| **R13** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R14** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R15** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 32 |
| **R16** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R17** | 4 | 4 | 3 | 4 | 5 | 5 | 4 | 29 |
| **R18** | 5 | 4 | 3 | 4 | 4 | 4 | 4 | 28 |
| **R19** | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 29 |
| **R20** | 4 | 4 | 3 | 4 | 5 | 5 | 4 | 29 |
| **R21** | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 27 |
| **R22** | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 34 |
| **R23** | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 33 |
| **R24** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 32 |
| **R25** | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 31 |
| **R26** | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 32 |
| **R27** | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 33 |
| **R28** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 35 |
| **R29** | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 33 |
| **R30** | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 30 |
| **R31** | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 30 |
| **R32** | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 31 |
| **R33** | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 31 |
| **R34** | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 33 |
| **R35** | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 31 |
| **R36** | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 34 |
| **R37** | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 33 |
| **R38** | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 30 |
| **R39** | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 34 |
| **R40** | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 33 |
| **R41** | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 34 |
| **R42** | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 33 |
| **R43** | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 33 |
| **R44** | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 33 |
| **R45** | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 33 |
| **R46** | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 33 |
| **R47** | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 31 |
| **R48** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 35 |
| **R49** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 32 |
| **R50** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R51** | 5 | 4 | 3 | 5 | 4 | 4 | 4 | 29 |
| **R52** | 5 | 4 | 4 | 5 | ~~5~~ | 4 | 4 | 31 |
| **R53** | 4 | 4 | 3 | 4 | 4 | 5 | 4 | 28 |
| **R54** | 5 | 5 | 3 | 5 | 4 | 4 | 4 | 30 |
| **R55** | 4 | 4 | 4 | 5 | 4 | 4 | 3 | 28 |
| **R56** | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 32 |
| **R57** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 35 |
| **R58** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 35 |
| **R59** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R60** | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 31 |
| **R61** | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 31 |
| **R62** | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 30 |
| **R63** | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 34 |
| **R64** | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 29 |
| **R65** | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 29 |
| **R66** | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 32 |
| **R67** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 35 |
| **R68** | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 33 |
| **R69** | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 30 |
| **R70** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R71** | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 34 |
| **R72** | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 34 |
| **R73** | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 33 |
| **R74** | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 29 |
| **R75** | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 33 |
| **R76** | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 31 |
| **R77** | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 31 |
| **R78** | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 33 |
| **R79** | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 33 |
| **R80** | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 32 |
| **R81** | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 34 |
| **R82** | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 33 |
| **R83** | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 30 |
| **R84** | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 30 |
| **R85** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| **R86** | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 30 |
| **R87** | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 27 |
| **R88** | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 30 |
| **R89** | 5 | 5 | 3 | 4 | 5 | 5 | 5 | 32 |
| **R90** | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 34 |

**Lampiran 7**

**HASIL DATA KUESIONER *PRODUCT PRICE***

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **X1.1** | **X1.2** | **X1.3** | **X1.4** | **X1.5** | **X1.6** | **X1.7** | **X1.8** | **X1.9** | **X1.10** | **TOTAL** |
| **R1** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 41 |
| **R2** | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 3 | 47 |
| **R3** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R4** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R5** | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 43 |
| **R6** | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 38 |
| **R7** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 39 |
| **R8** | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 38 |
| **R9** | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 47 |
| **R10** | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 37 |
| **R11** | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 3 | 2 | 38 |
| **R12** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 39 |
| **R13** | 3 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R14** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R15** | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 46 |
| **R16** | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| **R17** | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 3 | 3 | 43 |
| **R18** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R19** | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 28 |
| **R20** | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 38 |
| **R21** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 39 |
| **R22** | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 45 |
| **R23** | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 45 |
| **R24** | 5 | 3 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 45 |
| **R25** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 42 |
| **R26** | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 48 |
| **R27** | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 45 |
| **R28** | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 49 |
| **R29** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| **R30** | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 41 |
| **R31** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |  |
| **R32** | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 44 |
| **R33** | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 47 |
| **R34** | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 44 |
| **R35** | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 47 |
| **R36** | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 49 |
| **R37** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| **R38** | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 45 |
| **R39** | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 46 |
| **R40** | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 46 |
| **R41** | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 48 |
| **R42** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 47 |
| **R43** | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 44 |
| **R44** | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 49 |
| **R45** | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 46 |
| **R46** | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 48 |
| **R47** | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 45 |
| **R48** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| **R49** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 47 |
| **R50** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R51** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 49 |
| **R52** | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 3 | 42 |
| **R53** | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 3 | 43 |
| **R54** | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 3 | 42 |
| **R55** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 39 |
| **R56** | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 44 |
| **R57** | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 49 |
| **R58** | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 49 |
| **R59** | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 44 |
| **R60** | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| **R61** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| **R62** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R63** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| **R64** | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 47 |
| **R65** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| **R66** | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 42 |
| **R67** | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 46 |
| **R68** | 4 | 5 | 3 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 44 |
| **R69** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 47 |
| **R70** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R71** | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 5 | 5 | 5 | 44 |
| **R72** | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 43 |
| **R73** | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 45 |
| **R74** | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 47 |
| **R75** | 5 | 4 | 4 | 4 | 4 | 3 | 5 | 4 | 5 | 5 | 43 |
| **R76** | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 43 |
| **R77** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 49 |
| **R78** | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 44 |
| **R79** | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 42 |
| **R80** | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 44 |
| **R81** | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 46 |
| **R82** | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 43 |
| **R83** | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 42 |
| **R84** | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 49 |
| **R85** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| **R86** | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 46 |
| **R87** | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 45 |
| **R88** | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 43 |
| **R89** | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 3 | 41 |
| **R90** | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 49 |

**Lampiran 8**

**HASIL DATA KUESIONER *PRODUCT QUALITY***

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **X2.1** | **X2.2** | **X2.3** | **X2.4** | **X2.5** | **X2.6** | **X2.7** | **X2.8** | **X2.9** | **X2.10** | **X2.11** | **X2.12** | **TOTAL** |
| **R1** | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 52 |
| **R2** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 60 |
| **R3** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R4** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R5** | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 50 |
| **R6** | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 46 |
| **R7** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R8** | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 46 |
| **R9** | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 57 |
| **R10** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 47 |
| **R11** | 5 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 44 |
| **R12** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R13** | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 50 |
| **R14** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R15** | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 55 |
| **R16** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 58 |
| **R17** | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 54 |
| **R18** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R19** | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 3 | 48 |
| **R20** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R21** | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 43 |
| **R22** | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 56 |
| **R23** | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 57 |
| **R24** | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 58 |
| **R25** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 54 |
| **R26** | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 51 |
| **R27** | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 54 |
| **R28** | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 57 |
| **R29** | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 49 |
| **R30** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 49 |
| **R31** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 57 |
| **R32** | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 54 |
| **R33** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 54 |
| **R34** | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 54 |
| **R35** | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 57 |
| **R36** | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 54 |
| **R37** | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 51 |
| **R38** | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 51 |
| **R39** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 55 |
| **R40** | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 58 |
| **R41** | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 55 |
| **R42** | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 51 |
| **R43** | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 55 |
| **R44** | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 54 |
| **R45** | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 54 |
| **R46** | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 54 |
| **R47** | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 53 |
| **R48** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 60 |
| **R49** | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 58 |
| **R50** | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 49 |
| **R51** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 60 |
| **R52** | 4 | 4 | 5 | 5 | 4 | 5 | 3 | 4 | 4 | 5 | 4 | 4 | 51 |
| **R53** | 4 | 4 | 5 | 5 | 4 | 5 | 3 | 4 | 4 | 5 | 5 | 5 | 53 |
| **R54** | 4 | 4 | 5 | 5 | 5 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 51 |
| **R55** | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 48 |
| **R56** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 60 |
| **R57** | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 59 |
| **R58** | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 59 |
| **R59** | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 55 |
| **R60** | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 50 |
| **R61** | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 59 |
| **R62** | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 49 |
| **R63** | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 53 |
| **R64** | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 4 | 55 |
| **R65** | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 52 |
| **R66** | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 50 |
| **R67** | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 55 |
| **R68** | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 54 |
| **R69** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 48 |
| **R70** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 49 |
| **R71** | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 54 |
| **R72** | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 57 |
| **R73** | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 57 |
| **R74** | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 55 |
| **R75** | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 56 |
| **R76** | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 58 |
| **R77** | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 55 |
| **R78** | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 57 |
| **R79** | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 57 |
| **R80** | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 58 |
| **R81** | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 51 |
| **R82** | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 49 |
| **R83** | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 57 |
| **R84** | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 49 |
| **R85** | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 54 |
| **R86** | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 57 |
| **R87** | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 59 |
| **R88** | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 54 |
| **R89** | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 49 |
| **R90** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 60 |

**Lampiran 9**

**HASIL DATA KUESIONER *DISTRIBUTION LINE***

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **X3.1** | **X3.2** | **X3.3** | **X3.4** | **X3.5** | **X3.6** | **X3.7** | **X3.8** | **X3.9** | **X3.10** | **TOTAL** |
| R1 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 42 |
| R2 | 5 | 4 | 4 | 4 | 5 | 3 | 5 | 5 | 5 | 4 | 44 |
| R3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| R4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| R5 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 43 |
| R6 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 39 |
| R7 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 38 |
| R8 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| R9 | 5 | 4 | 4 | 4 | 5 | 3 | 4 | 5 | 5 | 5 | 44 |
| R10 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 38 |
| R11 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 2 | 43 |
| R12 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| R13 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| R14 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| R15 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 43 |
| R16 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| R17 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 48 |
| R18 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 38 |
| R19 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 41 |
| R20 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| R21 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| R22 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 48 |
| R23 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 44 |
| R24 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 45 |
| R25 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 49 |
| R26 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 47 |
| R27 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| R28 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| R29 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| R30 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 42 |
| R31 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| R32 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| R33 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 47 |
| R34 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 47 |
| R35 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 44 |
| R36 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 44 |
| R37 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 45 |
| R38 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 43 |
| R39 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 48 |
| R40 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 47 |
| R41 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 45 |
| R42 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 45 |
| R43 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 43 |
| R44 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 45 |
| R45 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 46 |
| R46 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 44 |
| R47 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 48 |
| R48 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| R49 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 3 | 44 |
| R50 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 41 |
| R51 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 49 |
| R52 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| R53 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 49 |
| R54 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 49 |
| R55 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| R56 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| R57 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| R58 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 49 |
| R59 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 45 |
| R60 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 46 |
| R61 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 49 |
| R62 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 41 |
| R63 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 49 |
| R64 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 44 |
| R65 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 41 |
| R66 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| R67 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 47 |
| R68 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 45 |
| R69 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 48 |
| R70 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| R71 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 49 |
| R72 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 46 |
| R73 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 45 |
| R74 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 | 46 |
| R75 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 3 | 43 |
| R76 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 41 |
| R77 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 43 |
| R78 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 47 |
| R79 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 43 |
| R80 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 47 |
| R81 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 46 |
| R82 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| R83 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 44 |
| R84 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| R85 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| R86 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| R87 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| R88 | 5 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 5 | 4 | 40 |
| R89 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 39 |
| R90 | 3 | 4 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 2 | 40 |

**Lampiran 10**

**HASIL DATA MSI KUESIONER *SALES VOLUME***

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Y.1** | **Y.2** | **Y.3** | **Y.4** | **Y.5** | **Y.6** | **Y.7** | **Total** |
| R1 | 1.000 | 2.596 | 4.445 | 1.000 | 2.957 | 1.000 | 3.087 | 16.086 |
| R2 | 2.596 | 2.596 | 2.211 | 2.597 | 4.518 | 1.000 | 4.677 | 20.196 |
| R3 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 1.000 | 3.087 | 13.242 |
| R4 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 1.000 | 3.087 | 13.242 |
| R5 | 1.000 | 1.000 | 3.197 | 2.597 | 2.957 | 1.000 | 3.087 | 14.839 |
| R6 | 1.000 | 1.000 | 2.211 | 1.000 | 2.957 | 1.000 | 3.087 | 12.256 |
| R7 | 1.000 | 1.000 | 2.211 | 1.000 | 2.957 | 1.000 | 3.087 | 12.256 |
| R8 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 1.000 | 3.087 | 13.242 |
| R9 | 1.000 | 2.596 | 4.445 | 2.597 | 4.518 | 2.610 | 4.677 | 22.443 |
| R10 | 1.000 | 1.000 | 2.211 | 1.000 | 2.957 | 1.000 | 3.087 | 12.256 |
| R11 | 1.000 | 1.000 | 1.000 | 2.597 | 1.000 | 2.610 | 4.677 | 13.884 |
| R12 | 2.596 | 1.000 | 2.211 | 1.000 | 2.957 | 2.610 | 4.677 | 17.051 |
| R13 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 1.000 | 3.087 | 13.242 |
| R14 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 1.000 | 3.087 | 13.242 |
| R15 | 1.000 | 1.000 | 3.197 | 2.597 | 4.518 | 2.610 | 4.677 | 19.599 |
| R16 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 1.000 | 3.087 | 13.242 |
| R17 | 1.000 | 1.000 | 2.211 | 1.000 | 4.518 | 2.610 | 3.087 | 15.426 |
| R18 | 2.596 | 1.000 | 2.211 | 1.000 | 2.957 | 1.000 | 3.087 | 13.852 |
| R19 | 1.000 | 1.000 | 4.445 | 1.000 | 2.957 | 1.000 | 3.087 | 14.490 |
| R20 | 1.000 | 1.000 | 2.211 | 1.000 | 4.518 | 2.610 | 3.087 | 15.426 |
| R21 | 1.000 | 1.000 | 2.211 | 1.000 | 2.957 | 1.000 | 3.087 | 12.256 |
| R22 | 2.596 | 2.596 | 4.445 | 1.000 | 4.518 | 2.610 | 4.677 | 22.442 |
| R23 | 1.000 | 2.596 | 4.445 | 2.597 | 4.518 | 1.000 | 4.677 | 20.833 |
| R24 | 1.000 | 1.000 | 3.197 | 2.597 | 4.518 | 2.610 | 4.677 | 19.599 |
| R25 | 2.596 | 2.596 | 3.197 | 2.597 | 2.957 | 1.000 | 3.087 | 18.031 |
| R26 | 2.596 | 2.596 | 4.445 | 2.597 | 2.957 | 1.000 | 3.087 | 19.279 |
| R27 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 1.000 | 3.087 | 20.840 |
| R28 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 2.610 | 4.677 | 24.040 |
| R29 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 1.000 | 3.087 | 20.840 |
| R30 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 2.610 | 4.677 | 16.441 |
| R31 | 1.000 | 1.000 | 3.197 | 1.000 | 4.518 | 1.000 | 4.677 | 16.392 |
| R32 | 1.000 | 1.000 | 4.445 | 2.597 | 4.518 | 1.000 | 3.087 | 17.648 |
| R33 | 2.596 | 2.596 | 3.197 | 1.000 | 4.518 | 1.000 | 3.087 | 17.995 |
| R34 | 2.596 | 2.596 | 4.445 | 1.000 | 2.957 | 2.610 | 4.677 | 20.881 |
| R35 | 1.000 | 2.596 | 4.445 | 2.597 | 2.957 | 1.000 | 3.087 | 17.683 |
| R36 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 2.610 | 3.087 | 22.450 |
| R37 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 1.000 | 3.087 | 20.840 |
| R38 | 2.596 | 2.596 | 3.197 | 1.000 | 2.957 | 1.000 | 3.087 | 16.434 |
| R39 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 2.610 | 3.087 | 22.450 |
| R40 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 1.000 | 3.087 | 20.840 |
| R41 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 2.610 | 3.087 | 22.450 |
| R42 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 1.000 | 3.087 | 20.840 |
| R43 | 1.000 | 2.596 | 4.445 | 2.597 | 2.957 | 2.610 | 4.677 | 20.882 |
| R44 | 2.596 | 2.596 | 4.445 | 1.000 | 2.957 | 2.610 | 4.677 | 20.881 |
| R45 | 2.596 | 2.596 | 4.445 | 1.000 | 2.957 | 2.610 | 4.677 | 20.881 |
| R46 | 2.596 | 2.596 | 4.445 | 1.000 | 4.518 | 2.610 | 3.087 | 20.853 |
| R47 | 2.596 | 1.000 | 4.445 | 1.000 | 4.518 | 1.000 | 3.087 | 17.647 |
| R48 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 2.610 | 4.677 | 24.040 |
| R49 | 1.000 | 1.000 | 3.197 | 2.597 | 4.518 | 2.610 | 4.677 | 19.599 |
| R50 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 1.000 | 3.087 | 13.242 |
| R51 | 2.596 | 1.000 | 2.211 | 2.597 | 2.957 | 1.000 | 3.087 | 15.449 |
| R52 | 2.596 | 1.000 | 3.197 | 2.597 | 4.518 | 1.000 | 3.087 | 17.996 |
| R53 | 1.000 | 1.000 | 2.211 | 1.000 | 2.957 | 2.610 | 3.087 | 13.865 |
| R54 | 2.596 | 2.596 | 2.211 | 2.597 | 2.957 | 1.000 | 3.087 | 17.045 |
| R55 | 1.000 | 1.000 | 3.197 | 2.597 | 2.957 | 1.000 | 1.000 | 12.752 |
| R56 | 2.596 | 1.000 | 4.445 | 2.597 | 4.518 | 1.000 | 3.087 | 19.244 |
| R57 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 2.610 | 4.677 | 24.040 |
| R58 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 2.610 | 4.677 | 24.040 |
| R59 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 1.000 | 3.087 | 13.242 |
| R60 | 2.596 | 2.596 | 4.445 | 1.000 | 2.957 | 1.000 | 3.087 | 17.682 |
| R61 | 1.000 | 1.000 | 4.445 | 2.597 | 4.518 | 1.000 | 3.087 | 17.648 |
| R62 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 2.610 | 4.677 | 16.441 |
| R63 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 1.000 | 4.677 | 22.430 |
| R64 | 1.000 | 1.000 | 3.197 | 2.597 | 2.957 | 1.000 | 3.087 | 14.839 |
| R65 | 1.000 | 1.000 | 3.197 | 2.597 | 2.957 | 1.000 | 3.087 | 14.839 |
| R66 | 2.596 | 2.596 | 4.445 | 2.597 | 2.957 | 1.000 | 3.087 | 19.279 |
| R67 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 2.610 | 4.677 | 24.040 |
| R68 | 2.596 | 1.000 | 4.445 | 2.597 | 4.518 | 1.000 | 4.677 | 20.834 |
| R69 | 1.000 | 1.000 | 3.197 | 2.597 | 4.518 | 1.000 | 3.087 | 16.400 |
| R70 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 1.000 | 3.087 | 13.242 |
| R71 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 2.610 | 3.087 | 22.450 |
| R72 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 2.610 | 3.087 | 22.450 |
| R73 | 2.596 | 2.596 | 3.197 | 2.597 | 2.957 | 2.610 | 4.677 | 21.231 |
| R74 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 1.000 | 4.677 | 14.831 |
| R75 | 1.000 | 2.596 | 4.445 | 2.597 | 4.518 | 2.610 | 3.087 | 20.853 |
| R76 | 2.596 | 1.000 | 3.197 | 1.000 | 2.957 | 2.610 | 4.677 | 18.037 |
| R77 | 1.000 | 1.000 | 4.445 | 2.597 | 4.518 | 1.000 | 3.087 | 17.648 |
| R78 | 2.596 | 2.596 | 4.445 | 1.000 | 2.957 | 2.610 | 4.677 | 20.881 |
| R79 | 2.596 | 2.596 | 4.445 | 1.000 | 2.957 | 2.610 | 4.677 | 20.881 |
| R80 | 2.596 | 2.596 | 4.445 | 2.597 | 2.957 | 1.000 | 3.087 | 19.279 |
| R81 | 2.596 | 2.596 | 4.445 | 1.000 | 4.518 | 2.610 | 4.677 | 22.442 |
| R82 | 2.596 | 2.596 | 4.445 | 2.597 | 4.518 | 1.000 | 3.087 | 20.840 |
| R83 | 1.000 | 1.000 | 4.445 | 2.597 | 2.957 | 1.000 | 3.087 | 16.087 |
| R84 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 2.610 | 4.677 | 16.441 |
| R85 | 1.000 | 1.000 | 3.197 | 1.000 | 2.957 | 1.000 | 3.087 | 13.242 |
| R86 | 2.596 | 1.000 | 3.197 | 2.597 | 2.957 | 1.000 | 3.087 | 16.435 |
| R87 | 1.000 | 1.000 | 2.211 | 1.000 | 2.957 | 1.000 | 3.087 | 12.256 |
| R88 | 2.596 | 2.596 | 3.197 | 1.000 | 2.957 | 1.000 | 3.087 | 16.434 |
| R89 | 2.596 | 2.596 | 2.211 | 1.000 | 4.518 | 2.610 | 4.677 | 20.208 |
| R90 | 2.596 | 2.596 | 4.445 | 2.597 | 2.957 | 2.610 | 4.677 | 22.479 |

**Lampiran 11**

**HASIL DATA MSI KUESIONER *PRODUCT PRICE***

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **X1.1** | **X1.2** | **X1.3** | **X1.4** | **X1.5** | **X1.6** | **X1.7** | **X1.8** | **X1.9** | **X1.10** | **Total** |
| R1 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 4.481 | 30.065 |
| R2 | 4.698 | 4.348 | 4.595 | 4.537 | 4.445 | 2.580 | 4.076 | 4.445 | 4.061 | 2.211 | 39.996 |
| R3 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 28.810 |
| R4 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 28.810 |
| R5 | 3.224 | 4.348 | 3.103 | 2.974 | 2.890 | 4.079 | 2.554 | 2.890 | 4.061 | 3.226 | 33.348 |
| R6 | 1.828 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 2.211 | 26.399 |
| R7 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 2.211 | 27.795 |
| R8 | 1.828 | 2.805 | 1.690 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 26.002 |
| R9 | 3.224 | 2.805 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 3.226 | 39.493 |
| R10 | 1.828 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 1.000 | 2.890 | 2.564 | 2.211 | 24.845 |
| R11 | 1.828 | 2.805 | 3.103 | 2.974 | 2.890 | 4.079 | 4.076 | 2.890 | 1.000 | 1.000 | 26.645 |
| R12 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 2.211 | 27.795 |
| R13 | 1.828 | 2.805 | 3.103 | 2.974 | 4.445 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 28.969 |
| R14 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 28.810 |
| R15 | 3.224 | 2.805 | 3.103 | 2.974 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 37.692 |
| R16 | 4.698 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 30.285 |
| R17 | 3.224 | 2.805 | 4.595 | 2.974 | 4.445 | 4.079 | 4.076 | 4.445 | 1.000 | 2.211 | 33.853 |
| R18 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 28.810 |
| R19 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 2.211 | 11.211 |
| R20 | 3.224 | 2.805 | 1.690 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 2.211 | 26.382 |
| R21 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 2.211 | 27.795 |
| R22 | 4.698 | 2.805 | 3.103 | 4.537 | 2.890 | 2.580 | 4.076 | 4.445 | 2.564 | 4.481 | 36.180 |
| R23 | 3.224 | 2.805 | 3.103 | 2.974 | 4.445 | 4.079 | 4.076 | 2.890 | 4.061 | 4.481 | 36.137 |
| R24 | 4.698 | 1.000 | 3.103 | 4.537 | 4.445 | 4.079 | 4.076 | 2.890 | 2.564 | 4.481 | 35.874 |
| R25 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 4.445 | 4.061 | 3.226 | 31.862 |
| R26 | 4.698 | 4.348 | 3.103 | 4.537 | 4.445 | 4.079 | 4.076 | 2.890 | 4.061 | 4.481 | 40.718 |
| R27 | 3.224 | 2.805 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 2.890 | 2.564 | 3.226 | 36.441 |
| R28 | 3.224 | 4.348 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 42.291 |
| R29 | 4.698 | 4.348 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 43.765 |
| R30 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 4.076 | 2.890 | 2.564 | 3.226 | 30.332 |
| R31 | 3.224 | 2.805 | 3.103 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 39.255 |
| R32 | 4.698 | 4.348 | 4.595 | 2.974 | 2.890 | 2.580 | 4.076 | 2.890 | 2.564 | 3.226 | 34.842 |
| R33 | 3.224 | 2.805 | 4.595 | 4.537 | 4.445 | 4.079 | 2.554 | 4.445 | 4.061 | 4.481 | 39.225 |
| R34 | 4.698 | 4.348 | 3.103 | 2.974 | 2.890 | 2.580 | 4.076 | 2.890 | 2.564 | 4.481 | 34.605 |
| R35 | 4.698 | 4.348 | 3.103 | 2.974 | 2.890 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 39.155 |
| R36 | 3.224 | 4.348 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 42.291 |
| R37 | 4.698 | 4.348 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 43.765 |
| R38 | 4.698 | 4.348 | 3.103 | 2.974 | 4.445 | 4.079 | 4.076 | 2.890 | 2.564 | 3.226 | 36.403 |
| R39 | 3.224 | 2.805 | 3.103 | 4.537 | 4.445 | 2.580 | 4.076 | 4.445 | 4.061 | 4.481 | 37.757 |
| R40 | 3.224 | 4.348 | 4.595 | 4.537 | 2.890 | 2.580 | 4.076 | 4.445 | 2.564 | 4.481 | 37.741 |
| R41 | 3.224 | 4.348 | 4.595 | 4.537 | 2.890 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 40.736 |
| R42 | 3.224 | 2.805 | 3.103 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 39.255 |
| R43 | 3.224 | 2.805 | 3.103 | 4.537 | 2.890 | 4.079 | 2.554 | 4.445 | 2.564 | 4.481 | 34.682 |
| R44 | 4.698 | 4.348 | 4.595 | 2.974 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 42.202 |
| R45 | 3.224 | 4.348 | 4.595 | 4.537 | 4.445 | 2.580 | 2.554 | 2.890 | 4.061 | 4.481 | 37.715 |
| R46 | 4.698 | 4.348 | 3.103 | 2.974 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 40.710 |
| R47 | 4.698 | 2.805 | 4.595 | 2.974 | 4.445 | 2.580 | 4.076 | 2.890 | 4.061 | 3.226 | 36.351 |
| R48 | 4.698 | 4.348 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 43.765 |
| R49 | 3.224 | 2.805 | 3.103 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 39.255 |
| R50 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 28.810 |
| R51 | 4.698 | 4.348 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 2.564 | 4.481 | 42.269 |
| R52 | 3.224 | 4.348 | 3.103 | 4.537 | 2.890 | 2.580 | 2.554 | 4.445 | 2.564 | 2.211 | 32.456 |
| R53 | 3.224 | 2.805 | 3.103 | 2.974 | 4.445 | 2.580 | 4.076 | 4.445 | 4.061 | 2.211 | 33.923 |
| R54 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 4.076 | 4.445 | 4.061 | 2.211 | 32.368 |
| R55 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 2.211 | 27.795 |
| R56 | 3.224 | 2.805 | 3.103 | 2.974 | 4.445 | 4.079 | 4.076 | 4.445 | 2.564 | 3.226 | 34.941 |
| R57 | 4.698 | 4.348 | 4.595 | 4.537 | 2.890 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 42.210 |
| R58 | 4.698 | 4.348 | 4.595 | 4.537 | 2.890 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 42.210 |
| R59 | 4.698 | 4.348 | 4.595 | 4.537 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 34.883 |
| R60 | 3.224 | 2.805 | 4.595 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 30.303 |
| R61 | 4.698 | 4.348 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 43.765 |
| R62 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 28.810 |
| R63 | 4.698 | 4.348 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 43.765 |
| R64 | 4.698 | 4.348 | 4.595 | 2.974 | 4.445 | 4.079 | 4.076 | 2.890 | 2.564 | 4.481 | 39.151 |
| R65 | 4.698 | 4.348 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 43.765 |
| R66 | 4.698 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 4.076 | 2.890 | 2.564 | 3.226 | 31.807 |
| R67 | 3.224 | 2.805 | 3.103 | 2.974 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 37.692 |
| R68 | 3.224 | 4.348 | 1.690 | 4.537 | 4.445 | 2.580 | 4.076 | 2.890 | 2.564 | 4.481 | 34.836 |
| R69 | 3.224 | 2.805 | 3.103 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 39.255 |
| R70 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 28.810 |
| R71 | 4.698 | 4.348 | 3.103 | 2.974 | 2.890 | 1.000 | 2.554 | 4.445 | 4.061 | 4.481 | 34.554 |
| R72 | 3.224 | 2.805 | 4.595 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 4.061 | 4.481 | 33.054 |
| R73 | 4.698 | 4.348 | 4.595 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 4.061 | 4.481 | 36.072 |
| R74 | 4.698 | 4.348 | 3.103 | 2.974 | 2.890 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 39.155 |
| R75 | 4.698 | 2.805 | 3.103 | 2.974 | 2.890 | 1.000 | 4.076 | 2.890 | 4.061 | 4.481 | 32.978 |
| R76 | 3.224 | 2.805 | 3.103 | 4.537 | 4.445 | 4.079 | 2.554 | 2.890 | 2.564 | 3.226 | 33.427 |
| R77 | 4.698 | 4.348 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 3.226 | 42.511 |
| R78 | 3.224 | 2.805 | 4.595 | 4.537 | 4.445 | 4.079 | 2.554 | 2.890 | 2.564 | 3.226 | 34.919 |
| R79 | 3.224 | 2.805 | 3.103 | 4.537 | 4.445 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 31.928 |
| R80 | 4.698 | 4.348 | 4.595 | 2.974 | 2.890 | 2.580 | 2.554 | 4.445 | 2.564 | 3.226 | 34.875 |
| R81 | 3.224 | 4.348 | 4.595 | 2.974 | 2.890 | 2.580 | 4.076 | 4.445 | 4.061 | 4.481 | 37.674 |
| R82 | 3.224 | 2.805 | 4.595 | 4.537 | 4.445 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 33.421 |
| R83 | 3.224 | 2.805 | 4.595 | 4.537 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 31.866 |
| R84 | 4.698 | 4.348 | 4.595 | 4.537 | 2.890 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 42.210 |
| R85 | 3.224 | 2.805 | 3.103 | 2.974 | 2.890 | 2.580 | 2.554 | 2.890 | 2.564 | 3.226 | 28.810 |
| R86 | 3.224 | 2.805 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 2.564 | 3.226 | 37.996 |
| R87 | 3.224 | 2.805 | 3.103 | 2.974 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 3.226 | 36.437 |
| R88 | 3.224 | 2.805 | 3.103 | 2.974 | 4.445 | 2.580 | 2.554 | 4.445 | 4.061 | 3.226 | 33.417 |
| R89 | 3.224 | 4.348 | 3.103 | 2.974 | 4.445 | 2.580 | 2.554 | 2.890 | 2.564 | 2.211 | 30.892 |
| R90 | 3.224 | 4.348 | 4.595 | 4.537 | 4.445 | 4.079 | 4.076 | 4.445 | 4.061 | 4.481 | 42.291 |

**Lampiran 12**

**HASIL DATA MSI KUESIONER *PRODUCT QUALITY***

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **X3.1** | **X3.2** | **X3.3** | **X3.4** | **X3.5** | **X3.6** | **X3.7** | **X3.8** | **X3.9** | **X3.10** | **X3.11** | **X3.12** | **Total** |
| R1 | 4.180 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 4.518 | 2.490 | 2.907 | 1.000 | 2.604 | 4.252 | 30.288 |
| R2 | 4.180 | 4.254 | 2.597 | 2.597 | 2.598 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 42.745 |
| R3 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 24.155 |
| R4 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 24.155 |
| R5 | 4.180 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 4.463 | 1.000 | 1.000 | 2.724 | 27.233 |
| R6 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 1.000 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 22.115 |
| R7 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 24.155 |
| R8 | 2.658 | 1.000 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 1.000 | 2.907 | 1.000 | 1.000 | 2.724 | 20.942 |
| R9 | 4.180 | 4.254 | 2.597 | 2.597 | 1.000 | 2.613 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 2.724 | 38.115 |
| R10 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 1.000 | 2.907 | 1.000 | 1.000 | 2.724 | 22.665 |
| R11 | 4.180 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.690 | 1.000 | 2.907 | 1.000 | 1.000 | 1.000 | 17.777 |
| R12 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 24.155 |
| R13 | 4.180 | 4.254 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 27.208 |
| R14 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 24.155 |
| R15 | 2.658 | 2.723 | 2.597 | 2.597 | 1.000 | 2.613 | 4.518 | 3.963 | 4.463 | 1.000 | 2.604 | 4.252 | 34.989 |
| R16 | 4.180 | 4.254 | 2.597 | 2.597 | 2.598 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 1.000 | 2.724 | 39.613 |
| R17 | 2.658 | 4.254 | 2.597 | 2.597 | 2.598 | 4.116 | 4.518 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 33.460 |
| R18 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 24.155 |
| R19 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 4.518 | 2.490 | 2.907 | 1.000 | 1.000 | 1.000 | 23.909 |
| R20 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 24.155 |
| R21 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 3.040 | 1.000 | 1.000 | 1.000 | 1.000 | 2.724 | 15.764 |
| R22 | 2.658 | 2.723 | 2.597 | 2.597 | 2.598 | 4.116 | 4.518 | 2.490 | 2.907 | 2.602 | 2.604 | 4.252 | 36.664 |
| R23 | 4.180 | 4.254 | 2.597 | 1.000 | 1.000 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 1.000 | 4.252 | 37.945 |
| R24 | 4.180 | 4.254 | 2.597 | 2.597 | 1.000 | 2.613 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 39.644 |
| R25 | 2.658 | 2.723 | 1.000 | 2.597 | 2.598 | 4.116 | 4.518 | 3.963 | 2.907 | 1.000 | 2.604 | 2.724 | 33.410 |
| R26 | 2.658 | 2.723 | 1.000 | 2.597 | 1.000 | 2.613 | 3.040 | 2.490 | 4.463 | 2.602 | 1.000 | 2.724 | 28.910 |
| R27 | 2.658 | 2.723 | 2.597 | 2.597 | 2.598 | 4.116 | 3.040 | 2.490 | 2.907 | 2.602 | 2.604 | 2.724 | 33.658 |
| R28 | 2.658 | 2.723 | 2.597 | 2.597 | 2.598 | 4.116 | 4.518 | 2.490 | 4.463 | 2.602 | 2.604 | 4.252 | 38.220 |
| R29 | 2.658 | 2.723 | 1.000 | 1.000 | 2.598 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 25.754 |
| R30 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 3.963 | 2.907 | 1.000 | 1.000 | 2.724 | 25.628 |
| R31 | 2.658 | 2.723 | 1.000 | 2.597 | 2.598 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 38.096 |
| R32 | 4.180 | 4.254 | 1.000 | 1.000 | 1.000 | 2.613 | 4.518 | 3.963 | 4.463 | 1.000 | 1.000 | 4.252 | 33.243 |
| R33 | 2.658 | 2.723 | 1.000 | 2.597 | 2.598 | 4.116 | 4.518 | 2.490 | 2.907 | 1.000 | 2.604 | 4.252 | 33.465 |
| R34 | 2.658 | 2.723 | 2.597 | 2.597 | 2.598 | 4.116 | 3.040 | 2.490 | 2.907 | 1.000 | 2.604 | 4.252 | 33.584 |
| R35 | 2.658 | 2.723 | 2.597 | 2.597 | 2.598 | 4.116 | 3.040 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 38.215 |
| R36 | 4.180 | 2.723 | 2.597 | 1.000 | 2.598 | 2.613 | 3.040 | 3.963 | 4.463 | 2.602 | 1.000 | 2.724 | 33.504 |
| R37 | 2.658 | 2.723 | 2.597 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 4.463 | 2.602 | 1.000 | 2.724 | 28.910 |
| R38 | 2.658 | 2.723 | 1.000 | 2.597 | 2.598 | 4.116 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 28.854 |
| R39 | 2.658 | 2.723 | 1.000 | 2.597 | 2.598 | 4.116 | 4.518 | 3.963 | 4.463 | 1.000 | 1.000 | 4.252 | 34.889 |
| R40 | 4.180 | 4.254 | 2.597 | 2.597 | 1.000 | 2.613 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 39.644 |
| R41 | 4.180 | 2.723 | 1.000 | 1.000 | 2.598 | 2.613 | 4.518 | 3.963 | 2.907 | 2.602 | 2.604 | 4.252 | 34.961 |
| R42 | 2.658 | 2.723 | 1.000 | 2.597 | 2.598 | 4.116 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 28.854 |
| R43 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 34.900 |
| R44 | 4.180 | 2.723 | 1.000 | 1.000 | 2.598 | 4.116 | 4.518 | 3.963 | 4.463 | 1.000 | 1.000 | 2.724 | 33.286 |
| R45 | 4.180 | 2.723 | 1.000 | 2.597 | 1.000 | 2.613 | 3.040 | 2.490 | 4.463 | 2.602 | 2.604 | 4.252 | 33.565 |
| R46 | 4.180 | 2.723 | 2.597 | 2.597 | 2.598 | 4.116 | 3.040 | 3.963 | 2.907 | 1.000 | 1.000 | 2.724 | 33.447 |
| R47 | 4.180 | 2.723 | 1.000 | 2.597 | 2.598 | 2.613 | 4.518 | 2.490 | 4.463 | 1.000 | 1.000 | 2.724 | 31.907 |
| R48 | 4.180 | 4.254 | 2.597 | 2.597 | 2.598 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 42.745 |
| R49 | 4.180 | 4.254 | 2.597 | 2.597 | 1.000 | 4.116 | 4.518 | 3.963 | 4.463 | 1.000 | 2.604 | 4.252 | 39.545 |
| R50 | 4.180 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 25.677 |
| R51 | 4.180 | 4.254 | 2.597 | 2.597 | 2.598 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 42.745 |
| R52 | 2.658 | 2.723 | 2.597 | 2.597 | 1.000 | 4.116 | 1.690 | 2.490 | 2.907 | 2.602 | 1.000 | 2.724 | 29.105 |
| R53 | 2.658 | 2.723 | 2.597 | 2.597 | 1.000 | 4.116 | 1.690 | 2.490 | 2.907 | 2.602 | 2.604 | 4.252 | 32.238 |
| R54 | 2.658 | 2.723 | 2.597 | 2.597 | 2.598 | 1.000 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 4.252 | 28.864 |
| R55 | 1.000 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 4.252 | 24.025 |
| R56 | 4.180 | 4.254 | 2.597 | 2.597 | 2.598 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 42.745 |
| R57 | 4.180 | 4.254 | 2.597 | 2.597 | 2.598 | 2.613 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 41.242 |
| R58 | 2.658 | 4.254 | 2.597 | 2.597 | 2.598 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 41.223 |
| R59 | 4.180 | 4.254 | 1.000 | 1.000 | 1.000 | 4.116 | 4.518 | 3.963 | 4.463 | 1.000 | 2.604 | 2.724 | 34.822 |
| R60 | 4.180 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 4.463 | 1.000 | 1.000 | 2.724 | 27.233 |
| R61 | 4.180 | 4.254 | 2.597 | 1.000 | 2.598 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 41.148 |
| R62 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 4.518 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 25.633 |
| R63 | 4.180 | 4.254 | 2.597 | 2.597 | 2.598 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 32.001 |
| R64 | 2.658 | 4.254 | 2.597 | 2.597 | 2.598 | 4.116 | 3.040 | 3.963 | 4.463 | 1.000 | 1.000 | 2.724 | 35.011 |
| R65 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 4.518 | 3.963 | 2.907 | 1.000 | 2.604 | 4.252 | 30.239 |
| R66 | 2.658 | 2.723 | 1.000 | 2.597 | 2.598 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 27.351 |
| R67 | 2.658 | 2.723 | 1.000 | 2.597 | 1.000 | 4.116 | 3.040 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 35.019 |
| R68 | 4.180 | 2.723 | 1.000 | 1.000 | 1.000 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 1.000 | 2.724 | 33.290 |
| R69 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 24.155 |
| R70 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 2.602 | 1.000 | 2.724 | 25.757 |
| R71 | 4.180 | 4.254 | 2.597 | 1.000 | 1.000 | 2.613 | 4.518 | 3.963 | 4.463 | 1.000 | 1.000 | 2.724 | 33.312 |
| R72 | 4.180 | 4.254 | 2.597 | 2.597 | 2.598 | 2.613 | 3.040 | 3.963 | 4.463 | 1.000 | 2.604 | 4.252 | 38.162 |
| R73 | 4.180 | 4.254 | 2.597 | 2.597 | 1.000 | 2.613 | 3.040 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 38.165 |
| R74 | 4.180 | 4.254 | 2.597 | 2.597 | 2.598 | 4.116 | 3.040 | 2.490 | 2.907 | 2.602 | 1.000 | 2.724 | 35.106 |
| R75 | 4.180 | 2.723 | 1.000 | 1.000 | 2.598 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 1.000 | 4.252 | 36.416 |
| R76 | 4.180 | 4.254 | 2.597 | 2.597 | 1.000 | 4.116 | 4.518 | 3.963 | 2.907 | 2.602 | 2.604 | 4.252 | 39.591 |
| R77 | 4.180 | 2.723 | 2.597 | 2.597 | 2.598 | 2.613 | 4.518 | 3.963 | 4.463 | 1.000 | 1.000 | 2.724 | 34.978 |
| R78 | 4.180 | 4.254 | 2.597 | 2.597 | 1.000 | 2.613 | 3.040 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 38.165 |
| R79 | 4.180 | 4.254 | 2.597 | 1.000 | 1.000 | 2.613 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 38.046 |
| R80 | 4.180 | 4.254 | 1.000 | 2.597 | 2.598 | 4.116 | 3.040 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 39.670 |
| R81 | 2.658 | 2.723 | 1.000 | 2.597 | 2.598 | 4.116 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 28.854 |
| R82 | 2.658 | 2.723 | 1.000 | 1.000 | 1.000 | 4.116 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 25.658 |
| R83 | 4.180 | 4.254 | 2.597 | 1.000 | 1.000 | 4.116 | 4.518 | 3.963 | 2.907 | 2.602 | 2.604 | 4.252 | 37.994 |
| R84 | 4.180 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 25.677 |
| R85 | 4.180 | 4.254 | 2.597 | 2.597 | 2.598 | 4.116 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 33.504 |
| R86 | 4.180 | 4.254 | 2.597 | 2.597 | 2.598 | 2.613 | 3.040 | 2.490 | 4.463 | 2.602 | 2.604 | 4.252 | 38.291 |
| R87 | 2.658 | 4.254 | 2.597 | 2.597 | 2.598 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 41.223 |
| R88 | 4.180 | 4.254 | 2.597 | 2.597 | 2.598 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 4.252 | 33.529 |
| R89 | 4.180 | 2.723 | 1.000 | 1.000 | 1.000 | 2.613 | 3.040 | 2.490 | 2.907 | 1.000 | 1.000 | 2.724 | 25.677 |
| R90 | 4.180 | 4.254 | 2.597 | 2.597 | 2.598 | 4.116 | 4.518 | 3.963 | 4.463 | 2.602 | 2.604 | 4.252 | 42.745 |

**Lampiran 13**

**HASIL DATA MSI KUESIONER *DISTRIBUTION LINE***

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **X3.1** | **X3.2** | **X3.3** | **X3.4** | **X3.5** | **X3.6** | **X3.7** | **X3.8** | **X3.9** | **X3.10** | **Total** |
| **R1** | 4.518 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 2.596 | 2.832 | 25.924 |
| **R2** | 4.518 | 2.837 | 1.000 | 2.957 | 2.596 | 1.000 | 4.463 | 4.410 | 2.596 | 2.832 | 29.208 |
| **R3** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 22.768 |
| **R4** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 22.768 |
| **R5** | 2.957 | 4.388 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 2.596 | 4.290 | 27.373 |
| **R6** | 2.957 | 1.000 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 20.931 |
| **R7** | 2.957 | 1.000 | 1.000 | 2.957 | 1.000 | 1.000 | 2.907 | 2.888 | 1.000 | 2.832 | 19.542 |
| **R8** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 22.768 |
| **R9** | 4.518 | 2.837 | 1.000 | 2.957 | 2.596 | 1.000 | 2.907 | 4.410 | 2.596 | 4.290 | 29.110 |
| **R10** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 1.000 | 2.907 | 1.495 | 1.000 | 2.832 | 19.985 |
| **R11** | 2.957 | 2.837 | 1.000 | 4.518 | 2.596 | 2.389 | 4.463 | 4.410 | 2.596 | 1.000 | 28.766 |
| **R12** | 4.518 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 24.328 |
| **R13** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 22.768 |
| **R14** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 22.768 |
| **R15** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 3.834 | 4.463 | 4.410 | 1.000 | 2.832 | 27.290 |
| **R16** | 2.957 | 2.837 | 1.000 | 4.518 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 24.328 |
| **R17** | 4.518 | 2.837 | 2.613 | 2.957 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 35.113 |
| **R18** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 1.000 | 1.000 | 2.832 | 20.879 |
| **R19** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 4.290 | 24.225 |
| **R20** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 22.768 |
| **R21** | 4.518 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 24.328 |
| **R22** | 4.518 | 4.388 | 1.000 | 4.518 | 1.000 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 35.017 |
| **R23** | 2.957 | 2.837 | 1.000 | 2.957 | 2.596 | 3.834 | 4.463 | 4.410 | 1.000 | 2.832 | 28.885 |
| **R24** | 4.518 | 2.837 | 1.000 | 4.518 | 2.596 | 3.834 | 4.463 | 2.888 | 1.000 | 2.832 | 30.486 |
| **R25** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 2.832 | 36.768 |
| **R26** | 2.957 | 2.837 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 2.832 | 33.655 |
| **R27** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 38.226 |
| **R28** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 38.226 |
| **R29** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 22.768 |
| **R30** | 2.957 | 2.837 | 1.000 | 4.518 | 1.000 | 2.389 | 4.463 | 2.888 | 1.000 | 2.832 | 25.884 |
| **R31** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 38.226 |
| **R32** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 38.226 |
| **R33** | 2.957 | 2.837 | 1.000 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 33.500 |
| **R34** | 2.957 | 2.837 | 1.000 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 33.500 |
| **R35** | 2.957 | 4.388 | 2.613 | 2.957 | 1.000 | 3.834 | 2.907 | 2.888 | 1.000 | 4.290 | 28.835 |
| **R36** | 2.957 | 4.388 | 1.000 | 4.518 | 2.596 | 2.389 | 4.463 | 2.888 | 1.000 | 2.832 | 29.031 |
| **R37** | 4.518 | 4.388 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 4.410 | 2.596 | 4.290 | 30.455 |
| **R38** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 4.463 | 4.410 | 2.596 | 2.832 | 27.441 |
| **R39** | 4.518 | 2.837 | 1.000 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 35.061 |
| **R40** | 2.957 | 2.837 | 1.000 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 33.500 |
| **R41** | 4.518 | 2.837 | 1.000 | 2.957 | 1.000 | 3.834 | 2.907 | 4.410 | 2.596 | 4.290 | 30.349 |
| **R42** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 30.649 |
| **R43** | 4.518 | 4.388 | 2.613 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 27.493 |
| **R44** | 4.518 | 4.388 | 1.000 | 2.957 | 1.000 | 3.834 | 2.907 | 4.410 | 1.000 | 4.290 | 30.304 |
| **R45** | 4.518 | 4.388 | 2.613 | 2.957 | 2.596 | 3.834 | 4.463 | 2.888 | 1.000 | 2.832 | 32.089 |
| **R46** | 2.957 | 2.837 | 1.000 | 4.518 | 2.596 | 3.834 | 2.907 | 2.888 | 2.596 | 2.832 | 28.965 |
| **R47** | 4.518 | 2.837 | 1.000 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 35.061 |
| **R48** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 38.226 |
| **R49** | 4.518 | 2.837 | 2.613 | 2.957 | 2.596 | 2.389 | 4.463 | 2.888 | 2.596 | 1.606 | 29.463 |
| **R50** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 4.410 | 1.000 | 2.832 | 24.289 |
| **R51** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 2.389 | 4.463 | 4.410 | 2.596 | 4.290 | 36.781 |
| **R52** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 38.226 |
| **R53** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 2.832 | 36.768 |
| **R54** | 4.518 | 4.388 | 2.613 | 4.518 | 1.000 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 36.630 |
| **R55** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 38.226 |
| **R56** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 22.768 |
| **R57** | 2.957 | 4.388 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 24.319 |
| **R58** | 2.957 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 36.665 |
| **R59** | 2.957 | 4.388 | 1.000 | 4.518 | 1.000 | 3.834 | 2.907 | 4.410 | 1.000 | 4.290 | 30.304 |
| **R60** | 4.518 | 4.388 | 2.613 | 2.957 | 1.000 | 2.389 | 2.907 | 4.410 | 2.596 | 4.290 | 32.068 |
| **R61** | 2.957 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 36.665 |
| **R62** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 3.834 | 2.907 | 2.888 | 1.000 | 2.832 | 24.212 |
| **R63** | 4.518 | 4.388 | 2.613 | 2.957 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 36.665 |
| **R64** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 4.463 | 4.410 | 2.596 | 4.290 | 28.899 |
| **R65** | 2.957 | 2.837 | 1.000 | 2.957 | 2.596 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 24.363 |
| **R66** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 22.768 |
| **R67** | 2.957 | 2.837 | 1.000 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 33.500 |
| **R68** | 4.518 | 4.388 | 1.000 | 2.957 | 2.596 | 3.834 | 2.907 | 2.888 | 1.000 | 4.290 | 30.378 |
| **R69** | 2.957 | 2.837 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 35.113 |
| **R70** | 4.518 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 24.328 |
| **R71** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 2.832 | 36.768 |
| **R72** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 2.907 | 2.888 | 1.000 | 2.832 | 32.094 |
| **R73** | 4.518 | 4.388 | 2.613 | 4.518 | 1.000 | 2.389 | 2.907 | 4.410 | 1.000 | 2.832 | 30.575 |
| **R74** | 2.957 | 2.837 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 1.606 | 32.430 |
| **R75** | 2.957 | 2.837 | 1.000 | 2.957 | 2.596 | 3.834 | 4.463 | 4.410 | 1.000 | 1.606 | 27.660 |
| **R76** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 3.834 | 2.907 | 2.888 | 1.000 | 2.832 | 24.212 |
| **R77** | 2.957 | 2.837 | 2.613 | 2.957 | 2.596 | 2.389 | 2.907 | 2.888 | 1.000 | 4.290 | 27.434 |
| **R78** | 2.957 | 2.837 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 2.888 | 2.596 | 4.290 | 33.592 |
| **R79** | 2.957 | 2.837 | 2.613 | 4.518 | 2.596 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 27.537 |
| **R80** | 2.957 | 2.837 | 1.000 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 33.500 |
| **R81** | 4.518 | 4.388 | 2.613 | 4.518 | 1.000 | 2.389 | 2.907 | 2.888 | 2.596 | 4.290 | 32.108 |
| **R82** | 4.518 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 24.328 |
| **R83** | 2.957 | 2.837 | 2.613 | 2.957 | 1.000 | 2.389 | 2.907 | 4.410 | 2.596 | 4.290 | 28.956 |
| **R84** | 2.957 | 4.388 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 24.319 |
| **R85** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 2.907 | 2.888 | 1.000 | 2.832 | 22.768 |
| **R86** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 38.226 |
| **R87** | 4.518 | 4.388 | 2.613 | 4.518 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 4.290 | 38.226 |
| **R88** | 4.518 | 2.837 | 1.000 | 2.957 | 1.000 | 2.389 | 1.000 | 2.888 | 2.596 | 2.832 | 24.017 |
| **R89** | 2.957 | 2.837 | 1.000 | 2.957 | 1.000 | 1.000 | 2.907 | 2.888 | 1.000 | 2.832 | 21.378 |
| **R90** | 1.000 | 2.837 | 2.613 | 1.000 | 2.596 | 3.834 | 4.463 | 4.410 | 2.596 | 1.000 | 26.348 |

**Lampiran 14**

**HASIL UJI *SPSS versi 21,* 2023**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | | |
|  | | Y.1 | Y.2 | Y.3 | Y.4 | Y.5 | Y.6 | Y.7 | TY |
| Y.1 | Pearson Correlation | 1 | .617\*\* | .222 | .356 | .271 | .000 | .154 | .554\*\* |
| Sig. (2-tailed) |  | .000 | .239 | .053 | .148 | 1.000 | .416 | .001 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y.2 | Pearson Correlation | .617\*\* | 1 | .635\*\* | .577\*\* | .482\*\* | -.050 | .250 | .805\*\* |
| Sig. (2-tailed) | .000 |  | .000 | .001 | .007 | .793 | .183 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y.3 | Pearson Correlation | .222 | .635\*\* | 1 | .303 | .412\* | -.110 | .055 | .666\*\* |
| Sig. (2-tailed) | .239 | .000 |  | .104 | .024 | .561 | .772 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y.4 | Pearson Correlation | .356 | .577\*\* | .303 | 1 | .380\* | .144 | .433\* | .691\*\* |
| Sig. (2-tailed) | .053 | .001 | .104 |  | .038 | .447 | .017 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y.5 | Pearson Correlation | .271 | .482\*\* | .412\* | .380\* | 1 | .351 | .351 | .732\*\* |
| Sig. (2-tailed) | .148 | .007 | .024 | .038 |  | .057 | .057 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y.6 | Pearson Correlation | .000 | -.050 | -.110 | .144 | .351 | 1 | .700\*\* | .393\* |
| Sig. (2-tailed) | 1.000 | .793 | .561 | .447 | .057 |  | .000 | .032 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y.7 | Pearson Correlation | .154 | .250 | .055 | .433\* | .351 | .700\*\* | 1 | .599\*\* |
| Sig. (2-tailed) | .416 | .183 | .772 | .017 | .057 | .000 |  | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| TY | Pearson Correlation | .554\*\* | .805\*\* | .666\*\* | .691\*\* | .732\*\* | .393\* | .599\*\* | 1 |
| Sig. (2-tailed) | .001 | .000 | .000 | .000 | .000 | .032 | .000 |  |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | | | | | | | |
| \*. Correlation is significant at the 0.05 level (2-tailed). | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | | | | | |
|  | | X1.1 | X1.2 | X1.3 | X1.4 | X1.5 | X1.6 | X1.7 | X1.8 | X1.9 | X1.10 | TX1 |
| X1.1 | Pearson Correlation | 1 | .409\* | .530\*\* | .689\*\* | .468\*\* | .380\* | .575\*\* | .498\*\* | .488\*\* | .506\*\* | .755\*\* |
| Sig. (2-tailed) |  | .025 | .003 | .000 | .009 | .038 | .001 | .005 | .006 | .004 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.2 | Pearson Correlation | .409\* | 1 | .538\*\* | .470\*\* | .394\* | .394\* | .338 | .470\*\* | .635\*\* | .195 | .619\*\* |
| Sig. (2-tailed) | .025 |  | .002 | .009 | .031 | .031 | .067 | .009 | .000 | .301 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.3 | Pearson Correlation | .530\*\* | .538\*\* | 1 | .699\*\* | .723\*\* | .625\*\* | .637\*\* | .699\*\* | .406\* | .204 | .786\*\* |
| Sig. (2-tailed) | .003 | .002 |  | .000 | .000 | .000 | .000 | .000 | .026 | .279 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.4 | Pearson Correlation | .689\*\* | .470\*\* | .699\*\* | 1 | .709\*\* | .584\*\* | .716\*\* | .593\*\* | .516\*\* | .462\* | .850\*\* |
| Sig. (2-tailed) | .000 | .009 | .000 |  | .000 | .001 | .000 | .001 | .004 | .010 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.5 | Pearson Correlation | .468\*\* | .394\* | .723\*\* | .709\*\* | 1 | .769\*\* | .752\*\* | .584\*\* | .517\*\* | .448\* | .837\*\* |
| Sig. (2-tailed) | .009 | .031 | .000 | .000 |  | .000 | .000 | .001 | .003 | .013 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.6 | Pearson Correlation | .380\* | .394\* | .625\*\* | .584\*\* | .769\*\* | 1 | .752\*\* | .459\* | .413\* | .373\* | .753\*\* |
| Sig. (2-tailed) | .038 | .031 | .000 | .001 | .000 |  | .000 | .011 | .023 | .042 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.7 | Pearson Correlation | .575\*\* | .338 | .637\*\* | .716\*\* | .752\*\* | .752\*\* | 1 | .604\*\* | .349 | .405\* | .810\*\* |
| Sig. (2-tailed) | .001 | .067 | .000 | .000 | .000 | .000 |  | .000 | .059 | .026 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.8 | Pearson Correlation | .498\*\* | .470\*\* | .699\*\* | .593\*\* | .584\*\* | .459\* | .604\*\* | 1 | .516\*\* | .300 | .744\*\* |
| Sig. (2-tailed) | .005 | .009 | .000 | .001 | .001 | .011 | .000 |  | .004 | .108 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.9 | Pearson Correlation | .488\*\* | .635\*\* | .406\* | .516\*\* | .517\*\* | .413\* | .349 | .516\*\* | 1 | .575\*\* | .724\*\* |
| Sig. (2-tailed) | .006 | .000 | .026 | .004 | .003 | .023 | .059 | .004 |  | .001 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X.10 | Pearson Correlation | .506\*\* | .195 | .204 | .462\* | .448\* | .373\* | .405\* | .300 | .575\*\* | 1 | .637\*\* |
| Sig. (2-tailed) | .004 | .301 | .279 | .010 | .013 | .042 | .026 | .108 | .001 |  | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| TX1 | Pearson Correlation | .755\*\* | .619\*\* | .786\*\* | .850\*\* | .837\*\* | .753\*\* | .810\*\* | .744\*\* | .724\*\* | .637\*\* | 1 |
| Sig. (2-tailed) | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| \*. Correlation is significant at the 0.05 level (2-tailed). | | | | | | | | | | | | |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | | | | | | | |
|  | | X2.1 | X2.2 | X2.3 | X2.4 | X2.5 | X2.6 | X2.7 | X2.8 | X2.9 | X2.10 | X2.11 | X2.12 | TX2 |
| X2.1 | Pearson Correlation | 1 | .572\*\* | .322 | .144 | -.020 | .168 | .245 | .414\* | .619\*\* | .369\* | .227 | .208 | .499\*\* |
| Sig. (2-tailed) |  | .001 | .082 | .447 | .918 | .374 | .192 | .023 | .000 | .045 | .227 | .270 | .005 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.2 | Pearson Correlation | .572\*\* | 1 | .587\*\* | .435\* | .259 | .570\*\* | .498\*\* | .717\*\* | .572\*\* | .492\*\* | .233 | .379\* | .744\*\* |
| Sig. (2-tailed) | .001 |  | .001 | .016 | .166 | .001 | .005 | .000 | .001 | .006 | .215 | .039 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.3 | Pearson Correlation | .322 | .587\*\* | 1 | .783\*\* | .533\*\* | .653\*\* | .615\*\* | .534\*\* | .598\*\* | .772\*\* | .617\*\* | .587\*\* | .868\*\* |
| Sig. (2-tailed) | .082 | .001 |  | .000 | .002 | .000 | .000 | .002 | .000 | .000 | .000 | .001 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.4 | Pearson Correlation | .144 | .435\* | .783\*\* | 1 | .636\*\* | .613\*\* | .571\*\* | .507\*\* | .549\*\* | .709\*\* | .709\*\* | .420\* | .803\*\* |
| Sig. (2-tailed) | .447 | .016 | .000 |  | .000 | .000 | .001 | .004 | .002 | .000 | .000 | .021 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.5 | Pearson Correlation | -.020 | .259 | .533\*\* | .636\*\* | 1 | .752\*\* | .393\* | .236 | .128 | .428\* | .428\* | .241 | .561\*\* |
| Sig. (2-tailed) | .918 | .166 | .002 | .000 |  | .000 | .032 | .210 | .502 | .018 | .018 | .200 | .001 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.6 | Pearson Correlation | .168 | .570\*\* | .653\*\* | .613\*\* | .752\*\* | 1 | .553\*\* | .518\*\* | .409\* | .564\*\* | .430\* | .472\*\* | .771\*\* |
| Sig. (2-tailed) | .374 | .001 | .000 | .000 | .000 |  | .002 | .003 | .025 | .001 | .018 | .008 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.7 | Pearson Correlation | .245 | .498\*\* | .615\*\* | .571\*\* | .393\* | .553\*\* | 1 | .531\*\* | .434\* | .453\* | .558\*\* | .509\*\* | .753\*\* |
| Sig. (2-tailed) | .192 | .005 | .000 | .001 | .032 | .002 |  | .003 | .017 | .012 | .001 | .004 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.8 | Pearson Correlation | .414\* | .717\*\* | .534\*\* | .507\*\* | .236 | .518\*\* | .531\*\* | 1 | .625\*\* | .447\* | .447\* | .448\* | .759\*\* |
| Sig. (2-tailed) | .023 | .000 | .002 | .004 | .210 | .003 | .003 |  | .000 | .013 | .013 | .013 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.9 | Pearson Correlation | .619\*\* | .572\*\* | .598\*\* | .549\*\* | .128 | .409\* | .434\* | .625\*\* | 1 | .653\*\* | .369\* | .457\* | .743\*\* |
| Sig. (2-tailed) | .000 | .001 | .000 | .002 | .502 | .025 | .017 | .000 |  | .000 | .045 | .011 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.10 | Pearson Correlation | .369\* | .492\*\* | .772\*\* | .709\*\* | .428\* | .564\*\* | .453\* | .447\* | .653\*\* | 1 | .524\*\* | .488\*\* | .781\*\* |
| Sig. (2-tailed) | .045 | .006 | .000 | .000 | .018 | .001 | .012 | .013 | .000 |  | .003 | .006 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.11 | Pearson Correlation | .227 | .233 | .617\*\* | .709\*\* | .428\* | .430\* | .558\*\* | .447\* | .369\* | .524\*\* | 1 | .627\*\* | .701\*\* |
| Sig. (2-tailed) | .227 | .215 | .000 | .000 | .018 | .018 | .001 | .013 | .045 | .003 |  | .000 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.12 | Pearson Correlation | .208 | .379\* | .587\*\* | .420\* | .241 | .472\*\* | .509\*\* | .448\* | .457\* | .488\*\* | .627\*\* | 1 | .674\*\* |
| Sig. (2-tailed) | .270 | .039 | .001 | .021 | .200 | .008 | .004 | .013 | .011 | .006 | .000 |  | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| TX2 | Pearson Correlation | .499\*\* | .744\*\* | .868\*\* | .803\*\* | .561\*\* | .771\*\* | .753\*\* | .759\*\* | .743\*\* | .781\*\* | .701\*\* | .674\*\* | 1 |
| Sig. (2-tailed) | .005 | .000 | .000 | .000 | .001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | | | | | | | | | | | | |
| \*. Correlation is significant at the 0.05 level (2-tailed). | | | | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | | | | | |
|  | | X3.1 | X3.2 | X3.3 | X3.4 | X3.5 | X3.6 | X3.7 | X3.8 | X3.9 | X3.10 | TX3 |
| X3.1 | Pearson Correlation | 1 | .424\* | .402\* | .257 | .489\*\* | .235 | .367\* | .414\* | .569\*\* | .376\* | .646\*\* |
| Sig. (2-tailed) |  | .019 | .028 | .171 | .006 | .211 | .046 | .023 | .001 | .040 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.2 | Pearson Correlation | .424\* | 1 | .473\*\* | .477\*\* | .299 | .498\*\* | .403\* | .332 | .571\*\* | .424\* | .700\*\* |
| Sig. (2-tailed) | .019 |  | .008 | .008 | .108 | .005 | .027 | .073 | .001 | .020 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.3 | Pearson Correlation | .402\* | .473\*\* | 1 | .488\*\* | .632\*\* | .585\*\* | .548\*\* | .482\*\* | .588\*\* | .333 | .780\*\* |
| Sig. (2-tailed) | .028 | .008 |  | .006 | .000 | .001 | .002 | .007 | .001 | .072 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.4 | Pearson Correlation | .257 | .477\*\* | .488\*\* | 1 | .463\*\* | .514\*\* | .653\*\* | .385\* | .408\* | -.062 | .644\*\* |
| Sig. (2-tailed) | .171 | .008 | .006 |  | .010 | .004 | .000 | .036 | .025 | .743 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.5 | Pearson Correlation | .489\*\* | .299 | .632\*\* | .463\*\* | 1 | .370\* | .722\*\* | .659\*\* | .636\*\* | .040 | .753\*\* |
| Sig. (2-tailed) | .006 | .108 | .000 | .010 |  | .044 | .000 | .000 | .000 | .832 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.6 | Pearson Correlation | .235 | .498\*\* | .585\*\* | .514\*\* | .370\* | 1 | .641\*\* | .436\* | .235 | .195 | .693\*\* |
| Sig. (2-tailed) | .211 | .005 | .001 | .004 | .044 |  | .000 | .016 | .211 | .302 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.7 | Pearson Correlation | .367\* | .403\* | .548\*\* | .653\*\* | .722\*\* | .641\*\* | 1 | .681\*\* | .508\*\* | .000 | .797\*\* |
| Sig. (2-tailed) | .046 | .027 | .002 | .000 | .000 | .000 |  | .000 | .004 | 1.000 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.8 | Pearson Correlation | .414\* | .332 | .482\*\* | .385\* | .659\*\* | .436\* | .681\*\* | 1 | .617\*\* | .140 | .762\*\* |
| Sig. (2-tailed) | .023 | .073 | .007 | .036 | .000 | .016 | .000 |  | .000 | .459 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.9 | Pearson Correlation | .569\*\* | .571\*\* | .588\*\* | .408\* | .636\*\* | .235 | .508\*\* | .617\*\* | 1 | .257 | .764\*\* |
| Sig. (2-tailed) | .001 | .001 | .001 | .025 | .000 | .211 | .004 | .000 |  | .170 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.10 | Pearson Correlation | .376\* | .424\* | .333 | -.062 | .040 | .195 | .000 | .140 | .257 | 1 | .402\* |
| Sig. (2-tailed) | .040 | .020 | .072 | .743 | .832 | .302 | 1.000 | .459 | .170 |  | .028 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| TX3 | Pearson Correlation | .646\*\* | .700\*\* | .780\*\* | .644\*\* | .753\*\* | .693\*\* | .797\*\* | .762\*\* | .764\*\* | .402\* | 1 |
| Sig. (2-tailed) | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .028 |  |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| \*. Correlation is significant at the 0.05 level (2-tailed). | | | | | | | | | | | | |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | | | | | | | | | | |

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| --- | --- | --- | --- |
| **Reliability Statistics** | | | |
| Cronbach's Alpha | | N of Items | |
| .735 | | 7 | |
| **Item-Total Statistics** | | | | | | |
|  | Scale Mean if Item Deleted | | Scale Variance if Item Deleted | | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| Y.1 | 25.67 | | 4.920 | | .400 | .714 |
| Y.2 | 25.63 | | 4.309 | | .716 | .649 |
| Y.3 | 26.03 | | 3.895 | | .384 | .752 |
| Y.4 | 25.57 | | 4.530 | | .559 | .681 |
| Y.5 | 25.63 | | 4.309 | | .598 | .668 |
| Y.6 | 25.63 | | 5.275 | | .209 | .750 |
| Y.7 | 25.63 | | 4.792 | | .449 | .705 |

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .906 | 10 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item-Total Statistics** | | | | |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| X1.1 | 37.77 | 15.840 | .673 | .897 |
| X1.2 | 37.63 | 17.757 | .546 | .904 |
| X1.3 | 37.67 | 16.092 | .721 | .893 |
| X1.4 | 37.50 | 16.603 | .814 | .890 |
| X1.5 | 37.40 | 16.386 | .795 | .890 |
| X1.6 | 37.40 | 16.800 | .693 | .895 |
| X1.7 | 37.37 | 16.102 | .754 | .891 |
| X1.8 | 37.50 | 17.086 | .687 | .896 |
| X1.9 | 37.53 | 16.602 | .649 | .898 |
| X.10 | 37.83 | 16.075 | .504 | .914 |

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .914 | 12 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item-Total Statistics** | | | | |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| X2.1 | 46.77 | 19.151 | .406 | .917 |
| X2.2 | 46.90 | 17.679 | .680 | .906 |
| X2.3 | 46.70 | 17.666 | .838 | .900 |
| X2.4 | 46.67 | 17.885 | .760 | .903 |
| X2.5 | 46.77 | 19.151 | .488 | .913 |
| X2.6 | 46.83 | 17.661 | .715 | .904 |
| X2.7 | 46.73 | 16.892 | .674 | .907 |
| X2.8 | 46.90 | 17.266 | .692 | .905 |
| X2.9 | 46.77 | 17.978 | .685 | .906 |
| X2.10 | 46.73 | 18.133 | .737 | .904 |
| X2.11 | 46.73 | 18.478 | .644 | .908 |
| X2.12 | 46.87 | 18.257 | .603 | .909 |

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .871 | 10 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item-Total Statistics** | | | | |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| X3.1 | 38.27 | 10.892 | .556 | .861 |
| X3.2 | 38.53 | 10.740 | .622 | .856 |
| X3.3 | 38.47 | 10.947 | .733 | .852 |
| X3.4 | 38.33 | 10.989 | .558 | .861 |
| X3.5 | 38.30 | 10.562 | .686 | .851 |
| X3.6 | 38.47 | 10.120 | .580 | .860 |
| X3.7 | 38.23 | 10.323 | .737 | .847 |
| X3.8 | 38.37 | 9.620 | .660 | .854 |
| X3.9 | 38.27 | 10.478 | .697 | .850 |
| X3.10 | 38.47 | 11.568 | .251 | .887 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Descriptive Statistics** | | | |
|  | Mean | Std. Deviation | N |
| Sales Volume (Y) | 17.99770 | 3.542635 | 90 |
| Product Price (X1) | 34.99368 | 5.794454 | 90 |
| Product Quality (X2) | 32.28490 | 6.445456 | 90 |
| Distribution Line (X3) | 29.54042 | 5.500239 | 90 |

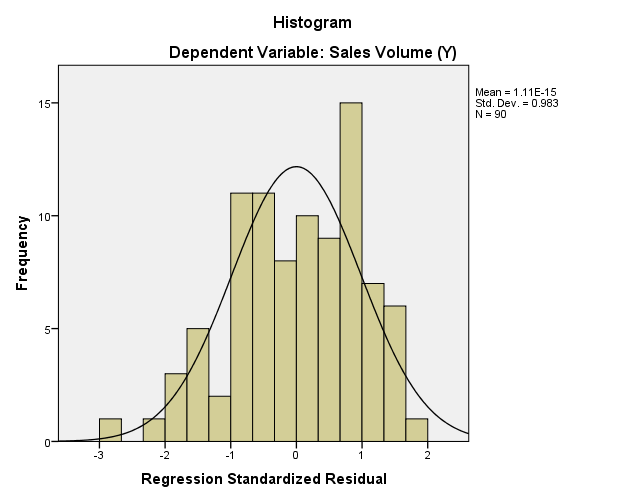
|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | Distribution Line (X3), Product Price (X1), Product Quality (X2)b | . | Enter |
| a. Dependent Variable: Sales Volume (Y) | | | |
| b. All requested variables entered. | | | |

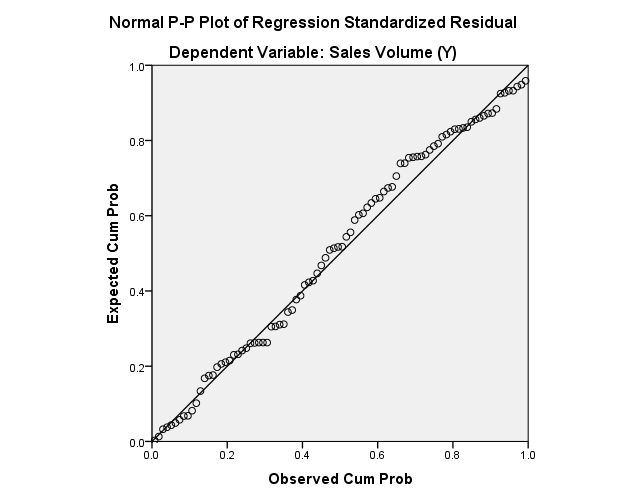
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model Summaryb** | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .640a | .409 | .389 | 2.769589 |
| a. Predictors: (Constant), Distribution Line (X3), Product Price (X1), Product Quality (X2) | | | | |
| b. Dependent Variable: Sales Volume (Y) | | | | |

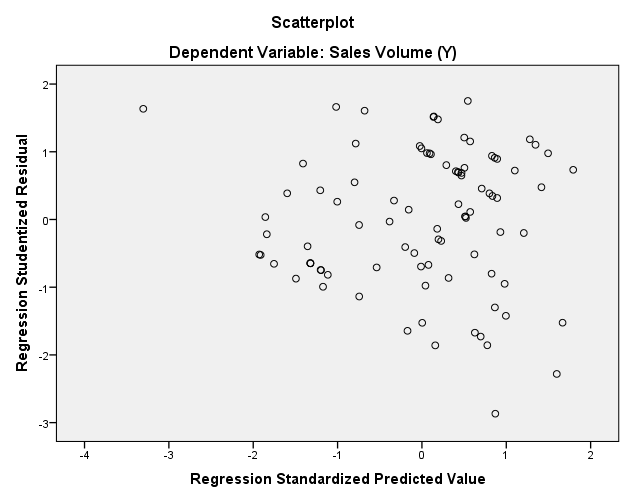
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 457.299 | 3 | 152.433 | 19.872 | .000b |
| Residual | 659.674 | 86 | 7.671 |  |  |
| Total | 1116.973 | 89 |  |  |  |
| a. Dependent Variable: Sales Volume (Y) | | | | | | |
| b. Predictors: (Constant), Distribution Line (X3), Product Price (X1), Product Quality (X2) | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Correlations | | | Collinearity Statistics | |
| B | Std. Error | Beta | Zero-order | Partial | Part | Tolerance | VIF |
| 1 | (Constant) | 3.311 | 2.017 |  | 1.642 | .104 |  |  |  |  |  |
| Product Price (X1) | .257 | .065 | .420 | 3.953 | .000 | .598 | .392 | .328 | .609 | 1.641 |
| Product Quality (X2) | .140 | .058 | .255 | 2.402 | .018 | .531 | .251 | .199 | .608 | 1.644 |
| Distribution Line (X3) | .040 | .062 | .062 | .642 | .523 | .371 | .069 | .053 | .735 | 1.360 |
| a. Dependent Variable: Sales Volume (Y) | | | | | | | | | | | |

|  |  |  |
| --- | --- | --- |
| **One-Sample Kolmogorov-Smirnov Test** | | |
|  | | Unstandardized Residual |
| N | | 90 |
| Normal Parametersa,b | Mean | .0000000 |
| Std. Deviation | 2.72251085 |
| Most Extreme Differences | Absolute | .087 |
| Positive | .052 |
| Negative | -.087 |
| Kolmogorov-Smirnov Z | | .827 |
| Asymp. Sig. (2-tailed) | | .501 |
| a. Test distribution is Normal. | | |
| b. Calculated from data. | | |





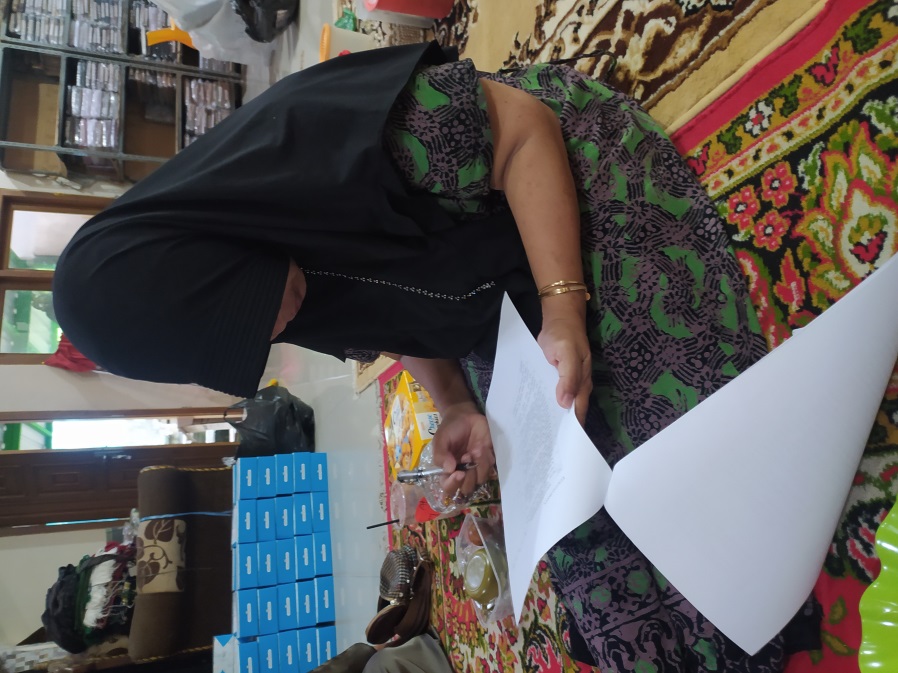


**Lampiran 15**

**FOTO RESPONDEN**

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**LAMPIRAN 16**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tabel Uji F** | | | | | | | | | |
| ***α =* 0,05** | | **df1=(k-1)** | | | | | | | |
| **df2=(n**  **-k- 1)** | | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** |
| 1 | | 161.448 | 199,500 | 215.707 | 224,583 | 230,162 | 233.986 | 236,768 | 238,883 |
| 2 | | 18,513 | 19,000 | 19,164 | 19,247 | 19,296 | 19,330 | 19,353 | 19,371 |
| 3 | | 10,128 | 9,552 | 9,277 | 9,117 | 9,013 | 8,941 | 8,887 | 8,845 |
| 4 | | 7,709 | 6,944 | 6,591 | 6,388 | 6,256 | 6,163 | 6,094 | 6,041 |
| 5 | | 6,608 | 5,786 | 5,409 | 5,192 | 5,050 | 4,950 | 4,876 | 4,818 |
| 6 | | 5,987 | 5,143 | 4,757 | 4,534 | 4,387 | 4,284 | 4,207 | 4,147 |
| 7 | | 5,591 | 4,737 | 4,347 | 4,120 | 3,972 | 3,866 | 3,787 | 3,726 |
| 8 | | 5,318 | 4,459 | 4,066 | 3,838 | 3,687 | 3,581 | 3,500 | 3,438 |
| 9 | | 5,117 | 4,256 | 3,863 | 3,633 | 3,482 | 3,374 | 3,293 | 3,230 |
| 10 | | 4,965 | 4,103 | 3,708 | 3,478 | 3,326 | 3,217 | 3,135 | 3,072 |
| 11 | | 4,844 | 3,982 | 3,587 | 3,357 | 3,204 | 3,095 | 3,012 | 2,948 |
| 12 | | 4,747 | 3,885 | 3,490 | 3,259 | 3,106 | 2,996 | 2,913 | 2,849 |
| 13 | | 4,667 | 3,806 | 3,411 | 3,179 | 3,025 | 2,915 | 2,832 | 2,767 |
| 14 | | 4,600 | 3,739 | 3,344 | 3,112 | 2,958 | 2,848 | 2,764 | 2,699 |
| 15 | | 4,543 | 3,682 | 3,287 | 3,056 | 2,901 | 2,790 | 2,707 | 2,641 |
| 16 | | 4,494 | 3,634 | 3,239 | 3,007 | 2,852 | 2,741 | 2,657 | 2,591 |
| 17 | | 4,451 | 3,592 | 3,197 | 2,965 | 2,810 | 2,699 | 2,614 | 2,548 |
| 18 | | 4,414 | 3,555 | 3,160 | 2,928 | 2,773 | 2,661 | 2,577 | 2,510 |
| 19 | | 4,381 | 3,522 | 3,127 | 2,895 | 2,740 | 2,628 | 2,544 | 2,477 |
| 20 | | 4,351 | 3,493 | 3,098 | 2,866 | 2,711 | 2,599 | 2,514 | 2,447 |
| 21 | | 4,325 | 3,467 | 3,072 | 2,840 | 2,685 | 2,573 | 2,488 | 2,420 |
| 22 | | 4,301 | 3,443 | 3,049 | 2,817 | 2,661 | 2,549 | 2,464 | 2,397 |
| 23 | | 4,279 | 3,422 | 3,028 | 2,796 | 2,640 | 2,528 | 2,442 | 2,375 |
| 24 | | 4,260 | 3,403 | 3,009 | 2,776 | 2,621 | 2,508 | 2,423 | 2,355 |
| 25 | | 4,242 | 3,385 | 2,991 | 2,759 | 2,603 | 2,490 | 2,405 | 2,337 |
| 26 | | 4,225 | 3,369 | 2,975 | 2,743 | 2,587 | 2,474 | 2,388 | 2,321 |
| 27 | | 4,210 | 3,354 | 2,960 | 2,728 | 2,572 | 2,459 | 2,373 | 2,305 |
| 28 | | 4,196 | 3,340 | 2,947 | 2,714 | 2,558 | 2,445 | 2,359 | 2,291 |
| 29 | | 4,183 | 3,328 | 2,934 | 2,701 | 2,545 | 2,432 | 2,346 | 2,278 |
| 30 | | 4,171 | | 3,316 | 2,922 | 2,690 | 2,534 | 2,421 | 2,334 | 2,266 |
| 31 | | 4,160 | | 3,305 | 2,911 | 2,679 | 2,523 | 2,409 | 2,323 | 2,255 |
| 32 | | 4,149 | | 3,295 | 2,901 | 2,668 | 2,512 | 2,399 | 2,313 | 2,244 |
| 33 | | 4,139 | | 3,285 | 2,892 | 2,659 | 2,503 | 2,389 | 2,303 | 2,235 |
| 34 | | 4,130 | | 3,276 | 2,883 | 2,650 | 2,494 | 2,380 | 2,294 | 2,225 |
| 35 | | 4,121 | | 3,267 | 2,874 | 2,641 | 2,485 | 2,372 | 2,285 | 2,217 |
| 36 | | 4,113 | | 3,259 | 2,866 | 2,634 | 2,477 | 2,364 | 2,277 | 2,209 |
| 37 | | 4,105 | | 3,252 | 2,859 | 2,626 | 2,470 | 2,356 | 2,270 | 2,201 |
| 38 | | 4,098 | | 3,245 | 2,852 | 2,619 | 2,463 | 2,349 | 2,262 | 2,194 |
| 39 | | 4,091 | | 3,238 | 2,845 | 2,612 | 2,456 | 2,342 | 2,255 | 2,187 |
| 40 | | 4,085 | | 3,232 | 2,839 | 2,606 | 2,449 | 2,336 | 2,249 | 2,180 |
| 41 | | 4,079 | | 3,226 | 2,833 | 2,600 | 2,443 | 2,330 | 2,243 | 2,174 |
| 42 | | 4,073 | | 3,220 | 2,827 | 2,594 | 2,438 | 2,324 | 2,237 | 2,168 |
| 43 | | 4,067 | | 3,214 | 2,822 | 2,589 | 2,432 | 2,318 | 2,232 | 2,163 |
| 44 | | 4,062 | | 3,209 | 2,816 | 2,584 | 2,427 | 2,313 | 2,226 | 2,157 |
| 45 | | 4,057 | | 3,204 | 2,812 | 2,579 | 2,422 | 2,308 | 2,221 | 2,152 |
| 46 | | 4,052 | | 3,200 | 2,807 | 2,574 | 2,417 | 2,304 | 2,216 | 2,147 |
| 47 | | 4,047 | | 3,195 | 2,802 | 2,570 | 2,413 | 2,299 | 2,212 | 2,143 |
| 48 | | 4,043 | | 3,191 | 2,798 | 2,565 | 2,409 | 2,295 | 2,207 | 2,138 |
| 49 | | 4,038 | | 3,187 | 2,794 | 2,561 | 2,404 | 2,290 | 2,203 | 2,134 |
| 50 | | 4,034 | | 3,183 | 2,790 | 2,557 | 2,400 | 2,286 | 2,199 | 2,130 |
| 51 | | 4,030 | | 3,179 | 2,786 | 2,553 | 2,397 | 2,283 | 2,195 | 2,126 |
| 52 | | 4,027 | | 3,175 | 2,783 | 2,550 | 2,393 | 2,279 | 2,192 | 2,122 |
| 53 | | 4,023 | | 3,172 | 2,779 | 2,546 | 2,389 | 2,275 | 2,188 | 2,119 |
| 54 | | 4,020 | | 3,168 | 2,776 | 2,543 | 2,386 | 2,272 | 2,185 | 2,115 |
| 55 | | 4,016 | | 3,165 | 2,773 | 2,540 | 2,383 | 2,269 | 2,181 | 2,112 |
| 56 | | 4,013 | | 3,162 | 2,769 | 2,537 | 2,380 | 2,266 | 2,178 | 2,109 |
| 57 | | 4,010 | | 3,159 | 2,766 | 2,534 | 2,377 | 2,263 | 2,175 | 2,106 |
| 58 | | 4,007 | | 3,156 | 2,764 | 2,531 | 2,374 | 2,260 | 2,172 | 2,103 |
| 59 | | 4,004 | | 3,153 | 2,761 | 2,528 | 2,371 | 2,257 | 2,169 | 2,100 |
| 60 | | 4,001 | | 3,150 | 2,758 | 2,525 | 2,368 | 2,254 | 2,167 | 2,097 |
| 61 | | 3,998 | | 3,148 | 2,755 | 2,523 | 2,366 | 2,251 | 2,164 | 2,094 |
| 62 | | 3,996 | | 3,145 | 2,753 | 2,520 | 2,363 | 2,249 | 2,161 | 2,092 |
| 63 | | 3,993 | | 3,143 | 2,751 | 2,518 | 2,361 | 2,246 | 2,159 | 2,089 |
| 64 | | 3,991 | | 3,140 | 2,748 | 2,515 | 2,358 | 2,244 | 2,156 | 2,087 |
| 65 | | 3,989 | | 3,138 | 2,746 | 2,513 | 2,356 | 2,242 | 2,154 | 2,084 |
| 66 | | 3,986 | | 3,136 | 2,744 | 2,511 | 2,354 | 2,239 | 2,152 | 2,082 |
| 67 | | 3,984 | | 3,134 | 2,742 | 2,509 | 2,352 | 2,237 | 2,150 | 2,080 |
| 68 | | 3,982 | | 3,132 | 2,740 | 2,507 | 2,350 | 2,235 | 2,148 | 2,078 |
| 69 | | 3,980 | | 3,130 | 2,737 | 2,505 | 2,348 | 2,233 | 2,145 | 2,076 |
| 70 | | 3,978 | | 3,128 | 2,736 | 2,503 | 2,346 | 2,231 | 2,143 | 2,074 |
| 71 | | 3,976 | | 3,126 | 2,734 | 2,501 | 2,344 | 2,229 | 2,142 | 2,072 |
| 72 | | 3,974 | | 3,124 | 2,732 | 2,499 | 2,342 | 2,227 | 2,140 | 2,070 |
| 73 | | 3,972 | | 3,122 | 2,730 | 2,497 | 2,340 | 2,226 | 2,138 | 2,068 |
| 74 | | 3,970 | | 3,120 | 2,728 | 2,495 | 2,338 | 2,224 | 2,136 | 2,066 |
| 75 | | 3,968 | | 3,119 | 2,727 | 2,494 | 2,337 | 2,222 | 2,134 | 2,064 |
| 76 | | 3,967 | | 3,117 | 2,725 | 2,492 | 2,335 | 2,220 | 2,133 | 2,063 |
| 77 | | 3,965 | | 3,115 | 2,723 | 2,490 | 2,333 | 2,219 | 2,131 | 2,061 |
| 78 | | 3,963 | | 3,114 | 2,722 | 2,489 | 2,332 | 2,217 | 2,129 | 2,059 |
| 79 | | 3,962 | | 3,112 | 2,720 | 2,487 | 2,330 | 2,216 | 2,128 | 2,058 |
| 80 | | 3,960 | | 3,111 | 2,719 | 2,486 | 2,329 | 2,214 | 2,126 | 2,056 |
| 81 | | 3,959 | | 3,109 | 2,717 | 2,484 | 2,327 | 2,213 | 2,125 | 2,055 |
| 82 | | 3,957 | | 3,108 | 2,716 | 2,483 | 2,326 | 2,211 | 2,123 | 2,053 |
| 83 | | 3,956 | | 3,107 | 2,715 | 2,482 | 2,324 | 2,210 | 2,122 | 2,052 |
| 84 | | 3,955 | | 3,105 | 2,713 | 2,480 | 2,323 | 2,209 | 2,121 | 2,051 |
| 85 | | 3,953 | | 3,104 | 2,712 | 2,479 | 2,322 | 2,207 | 2,119 | 2,049 |
| 86 | | 3,952 | | 3,103 | 2,711 | 2,478 | 2,321 | 2,206 | 2,118 | 2,048 |
| 87 | | 3,951 | | 3,101 | 2,709 | 2,476 | 2,319 | 2,205 | 2,117 | 2,047 |
| 88 | | 3,949 | | 3,100 | 2,708 | 2,475 | 2,318 | 2,203 | 2,115 | 2,045 |
| 89 | | 3,948 | | 3,099 | 2,707 | 2,474 | 2,317 | 2,202 | 2,114 | 2,044 |
| 90 | | 3,947 | | 3,098 | 2,706 | 2,473 | 2,316 | 2,201 | 2,113 | 2,043 |
| 91 | | 3,946 | | 3,097 | 2,705 | 2,472 | 2,315 | 2,200 | 2,112 | 2,042 |
| 92 | | 3,945 | | 3,095 | 2,704 | 2,471 | 2,313 | 2,199 | 2,111 | 2,041 |
| 93 | | 3,943 | | 3,094 | 2,703 | 2,470 | 2,312 | 2,198 | 2,110 | 2,040 |
| 94 | | 3,942 | | 3,093 | 2,701 | 2,469 | 2,311 | 2,197 | 2,109 | 2,038 |
| 95 | | 3,941 | | 3,092 | 2,700 | 2,467 | 2,310 | 2,196 | 2,108 | 2,037 |
| 96 | | 3,940 | | 3,091 | 2,699 | 2,466 | 2,309 | 2,195 | 2,106 | 2,036 |
| 97 | | 3,939 | | 3,090 | 2,698 | 2,465 | 2,308 | 2,194 | 2,105 | 2,035 |
| 98 | | 3,938 | | 3,089 | 2,697 | 2,465 | 2,307 | 2,193 | 2,104 | 2,034 |
| 99 | | 3,937 | | 3,088 | 2,696 | 2,464 | 2,306 | 2,192 | 2,103 | 2,033 |
| 100 | | 3,936 | | 3,087 | 2,696 | 2,463 | 2,305 | 2,191 | 2,103 | 2,032 |

Lampiran 17

Tabel Uji t

|  |  |  |
| --- | --- | --- |
| df=(n-k) | *α* = 0.05 | *α* = 0.025 |
| 1 | 6,314 | 12,706 |
| 2 | 2,920 | 4,303 |
| 3 | 2,353 | 3,182 |
| 4 | 2,132 | 2,776 |
| 5 | 2,015 | 2,571 |
| 6 | 1,943 | 2,447 |
| 7 | 1,895 | 2,365 |
| 8 | 1,860 | 2,306 |
| 9 | 1,833 | 2,262 |
| 10 | 1,812 | 2,228 |
| 11 | 1,796 | 2,201 |
| 12 | 1,782 | 2,179 |
| 13 | 1,771 | 2,160 |
| 14 | 1,761 | 2,145 |
| 15 | 1,753 | 2,131 |
| 16 | 1,746 | 2,120 |
| 17 | 1,740 | 2,110 |
| 18 | 1,734 | 2,101 |
| 19 | 1,729 | 2,093 |
| 20 | 1,725 | 2,086 |
| 21 | 1,721 | 2,080 |
| 22 | 1,717 | 2,074 |
| 23 | 1,714 | 2,069 |
| 24 | 1,711 | 2,064 |
| 25 | 1,708 | 2,060 |
| 26 | 1,706 | 2,056 |
| 27 | 1,703 | 2,052 |
| 28 | 1,701 | 2,048 |
| 29 | 1,699 | 2,045 |
| 30 | 1,697 | 2,042 |
| 31 | 1,696 | 2,040 |
| 32 | 1,694 | 2,037 |
| 33 | 1,692 | 2,035 |
| 34 | 1,691 | 2,032 |
| 35 | 1,690 | 2,030 |
| 36 | 1,688 | 2,028 |
| 37 | 1,687 | 2,026 |
| 38 | 1,686 | 2,024 |
| 39 | 1,685 | 2,023 |
| 40 | 1,684 | 2,021 |
| 41 | 1,683 | 2,020 |

|  |  |  |
| --- | --- | --- |
| 42 | 1,682 | 2,018 |
| 43 | 1,681 | 2,017 |
| 44 | 1,680 | 2,015 |
| 45 | 1,679 | 2,014 |
| 46 | 1,679 | 2,013 |
| 47 | 1,678 | 2,012 |
| 48 | 1,677 | 2,011 |
| 49 | 1,677 | 2,010 |
| df=(n-k) | *α* = 0.05 | *α* = 0.025 |
| 51 | 1,675 | 2,008 |
| 52 | 1,675 | 2,007 |
| 53 | 1,674 | 2,006 |
| 54 | 1,674 | 2,005 |
| 55 | 1,673 | 2,004 |
| 56 | 1,673 | 2,003 |
| 57 | 1,672 | 2,002 |
| 58 | 1,672 | 2,002 |
| 59 | 1,671 | 2,001 |
| 60 | 1,671 | 2,000 |
| 61 | 1,670 | 2,000 |
| 62 | 1,670 | 1,999 |
| 63 | 1,669 | 1,998 |
| 64 | 1,669 | 1,998 |
| 65 | 1,669 | 1,997 |
| 66 | 1,668 | 1,997 |
| 67 | 1,668 | 1,996 |
| 68 | 1,668 | 1,995 |
| 69 | 1,667 | 1,995 |
| 70 | 1,667 | 1,994 |
| 71 | 1,667 | 1,994 |
| 72 | 1,666 | 1,993 |
| 73 | 1,666 | 1,993 |
| 74 | 1,666 | 1,993 |
| 75 | 1,665 | 1,992 |
| 76 | 1,665 | 1,992 |
| 77 | 1,665 | 1,991 |
| 78 | 1,665 | 1,991 |
| 79 | 1,664 | 1,990 |
| 80 | 1,664 | 1,990 |
| 81 | 1,664 | 1,990 |
| 82 | 1,664 | 1,989 |
| 83 | 1,663 | 1,989 |
| 84 | 1,663 | 1,989 |
| 85 | 1,663 | 1,988 |
| 86 | 1,663 | 1,988 |
| 87 | 1,663 | 1,988 |
| 88 | 1,662 | 1,987 |
| 89 | 1,662 | 1,987 |
| 90 | 1,662 | 1,987 |
| 91 | 1,662 | 1,986 |
| 92 | 1,662 | 1,986 |
| 93 | 1,661 | 1,986 |
| 94 | 1,661 | 1,986 |
| 95 | 1,661 | 1,985 |
| 96 | 1,661 | 1,985 |
| 97 | 1,661 | 1,985 |
| 98 | 1,661 | 1,984 |
| 99 | 1,660 | 1,984 |